

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

Haley & Aldrich, Inc. 150 Mineral Springs Drive Dover, NJ 07801-1635 Tel: 973.361.3600

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#### Letter of Transmittal

Date: File Number:

31 May 2002 28629-016

From:

Sunila Gupta Joseph Savarese

To:

New Jersey Department of Environmental Protection

BEECRA, P.O. Box 432

401 East State Street, Trenton, NJ 08625

Attention:

Mr. Joseph Nowak

Copy to:

A. William Nosil (w/o Lab QA/QC and Figure 1 copi

Edward Hogan, Esq. (w/o Lab QA/QC and Figure 1

Subject:

Hexcel Facility, Lodi, NJ

| Copies    | Date     | Description  |
|-----------|----------|--|
| 3         | May 2002 | Remedial Action Workplan Addendum                          |
| 1 of each | Various  | Laboratory QA/QC Packages (STL Job #s: L205 and O201)      |
| 2         | Jan 2002 | 2 additional copies of Figure 1 from the 24 January letter |

#### Remarks:

Dear Mr. Nowak: Please call us if the enclosures are not as indicated above. Please note that the May 2002 RAWA is bound in two sections. The letter, tables, figures, and appendices A through F are bound in one section. Appendices G through K are bound separately.

| Document Transmitted Via: | ☐ First Class Mail ☐ Overnight Express ☐ Courier/Hand Delivered ☐ Other |
|---------------------------|---|
|                           |   |

If enclosures are not as noted, kindly notify us at once.

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|--------------------------------|---|--|
| To:                            |   | ey Department of Environmental Protection , P.O. Box 432                                   |
|                                |   | State Street, Trenton, NJ 08625  |
| Attention:                     | Mr. Josep                                       | oh Nowak   |
| Copy to:                       |   | m Nosil (w/o Lab QA/QC and Figure 1 copy<br>logan, Esq. (w/o Lab QA/QC and Figure 1 copies |
| Subject:                       | Hexcel Fa                                       | acility, Lodi, NJ  |
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31 May 2002 File No. 28629-016

New Jersey Department of Environmental Protection Bureau of Environmental Evaluation and Cleanup Responsibility Assessment P.O. Box 432 401 East State Street Trenton, NJ 08625

Attention:

Joseph J. Nowak

Subject:

May 2002 Remedial Action Workplan Addendum

Hexcel Corporation

Lodi Borough, Bergen County, New Jersey

ISRA Case No. E86009

Dear Mr. Nowak:

On behalf of Hexcel Corp. (Hexcel), we submit this supplemental Remedial Action Workplan Addendum (2002 RAWA) to provide the New Jersey Department of Environmental Protection (NJDEP) with the site maps and additional information required in the NJDEP's 20 November 2001 response to Hexcel's November 1999 RAWA (1999 RAWA). A preliminary response to the above-referenced letter was provided in our 24 January 2002 letter to the NJDEP. NJDEP's 20 November 2001 letter is included as Appendix A. The letter section of the Haley & Aldrich's 24 January 2002 preliminary response is included as Appendix B (attachments are not included with the 2002 RAWA). As requested, two additional copies of Figure 1 from the 24 January 2002 letter are provided separately. To facilitate NJDEP's review, this 2002 RAWA follows the itemized list from the NJDEP's 20 November 2000 letter. NJDEP is referred to the 24 January 2002 letter for items that were addressed in the 24 January 2002 preliminary response which did not require submission of additional

#### I SOIL COMMENTS

information in this 2002 RAWA.

Prior to the discussion of the soil comments, we present the cross-reference between the historical Areas of Environmental Concern (AECs) and the current Areas of Concern (AOCs) to facilitate discussions in the itemized response that follows. The cross-reference is summarized in Table I and depicted in Figure 1. The cross-reference indicates that all of the historical AECs are encompassed in the current AOC-1 and the 2-Phase Extraction Remediation Areas (RAs). We would like to assure the NJDEP that the intent of the 1999 RAWA was not to change the AOC designation, but to list all outstanding issues based on review of the historical submissions and correspondences between NJDEP and Hexcel. We apologize for any confusion that the 1999 RAWA designations might have caused.

#### OFFICES

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NJDEP letter in a progress report dated 15 May 1993 (prepared by Killam). A copy of the sections of the progress report which included the response to the NJDEP 4 May 1993 letter is included as Appendix I; a copy of the NJDEP's 4 May 1993 letter is also included in Appendix I. NJDEP responded to the May 1993 through August 1993 progress reports in its 26 October 1993 letter, which is included as Appendix J. We did not find correspondence which provided a response to this letter. Therefore, an item-by-item response to the NJDEP's 26 October 1993 letter as required by the NJDEP, is provided in Appendix J.

The outstanding soil issues, based on our review of the NJDEP's 4 May and 26 October 1993 letters, are summarized in the following Table III. Table III also includes a description of planned activities for the outstanding issues.

TABLE III: Outstanding Soils Issues Based on Review of NJDEP's 4 May and 26 October 1993 Letters

| Issue   | Response  |
|---|---|
| 1) Sampling at location G-3                         | This location was re-sampled on 13 May 2002.        |
| 2) Industrial sewer and the area in the vicinity of | Boring Location 508 is included in Remediation      |
| boring 508 should be included for remediation and   | Area 2 (refer to Killam Figure 5 in Appendix C)     |
| post-remedial soil sample be collected at boring    | and will be included in post-remediation soil       |
| 508 location.                                       | sampling.   |
| 3) Migration of contaminants along the sewer line   | A sewer investigation, which will include test-pits |
| to be evaluated and depth of sewer line to be       | along the sewer length and collection of soil       |
| provided.   | samples, is planned (refer to Item 11).             |
| 4) Building side of manhole M1 to be                | This investigation will be conducted as part of the |
| investigated.                                       | sewer investigation (refer to Item 11).             |

Please let us know if additional information is required in response to these previous correspondences.

#### **AOC Designations**

Item 20: As discussed previously, the intent of the November 1999 RAWA was not to change the AOC designation but to list all outstanding issues based on a review of the historical submissions and correspondences between NJDEP and Hexcel. AOC-1 refers to the DNAPL/LNAPL Areas and VOCs in soils and groundwater and encompasses the areas for 2-Phase Remediation. Additional AOCs (AOC-2 through 11) were added to facilitate a discussion of outstanding issues. AOC-1 has been re-configured in this 2002 RAWA to be larger than the area shown in the 1999 RAWA (RA-1 through 4, compared to AOC-1A through 1F in 1999 RAWA). The current configuration of AOC-1 encompasses all previously defined AECs without NFA determinations.

Table I and Figure 1 present the cross-reference between the historical AECs and the current AOCs, as requested by the NJDEP. To avoid further confusion and to be able to present discussions/results related to various outstanding issues presented in the November 1999 RAWA and herein, we propose to use the AOC designations from the 1999 RAWA for future submissions. The proposed AOC designations are presented in Table II.



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#### **Transformer**

Item 21: There is an electrical transformer on site located on a concrete pad in the southeast corner of the former buildings. This is a non-PCB transformer and is a property of Public Service Electric & Gas (PSE&G). We are coordinating with PSE&G for removal of this transformer. Hexcel is not aware of any PCB transformers on site.

#### II GROUNDWATER COMMENTS

#### Interim Water Elevation and LNAPL/DNAPL Monitoring and Recovery

Item 1: Hexcel has continued to perform the weekly product recovery during the RAWA review period. In addition, the monthly and quarterly water elevation/DNAPL/LNAPL monitoring program has continued. Appendix K provides the weekly product recovery update, monthly monitoring, and quarterly monitoring data tables for activities performed since July 1999. The NJDEP, in its 20 November 2000 letter, indicated that the NJDEP has data up till the second quarter of 1999. Figure 7 and Figure 8 in Appendix K provide the shallow and deep groundwater elevation contours, respectively, for the most recent measurements collected on 12 April 2002.

MW-6 is only well that indicates consistent presence of product with 3 other wells (CW-16, RW6-1, and RW7-3) indicating sporadic presence of recoverable DNAPL. Approximately 18 gallons of DNAPL was recovered between July 1999 and April 2002. Of the total amount, 10.4 gallons was recovered from MW-6, 6.9 gallons from CW-16, 0.6 gallons from RW7-3, and 0.4 gallons from RW6-1.

#### Horizontal Delineation of VOCs and PCBs

Item 2: In its 24 January 2002 letter, Hexcel emphasized that it is committed to delineating and remediating the contamination for which it is responsible. Hexcel has executed an access agreement with Napp for the objective of conducting investigation activities on Napp's property. NJDEP, in its 20 November 2001 letter, advised that it has requested further clarification from Napp on its position regarding migration of contamination from Hexcel property. Hexcel requests that NJDEP provide any information submitted by Napp on this issue to Hexcel.

Item 3: Groundwater samples, using temporary well points, were collected from locations between MW-21 and Main Street on 13 May 2002. Hexcel will evaluate the VOC data from the groundwater samples and provide the results as well as a proposal for installation of monitoring wells, if appropriate. The above will be provided in a progress report by 31 August 2002.

Item 4: Groundwater samples for VOC analysis were collected from wells MW-32B, CW-1, and CW-3 on 17 April 2002. CW-2 could not be located and it is possible that the well was destroyed during the demolition activities. Nevertheless, data from CW-1, CW-3 and MW-32B should provide the information required to evaluate whether horizontal delineation is



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required. We will provide the results and our evaluation in a progress report to the NJDEP by 31 August 2002.

**Item 5:** Napp and Hexcel have executed an access agreement on 7 May 2002. MW-25 and MW-31 will be included for water elevation measurement during the July 2002 quarterly monitoring.

## <u>Vertical Delineation of VOCs and Investigation of Silt Layer in area of MW-26 (Hexcel's AOC-4)</u>

**Item 6:** No additional response required. We anticipate conducting the Building 2 investigation in June 2002.

Item 7: The current RAs encompass the area of Building 2 based on the VOC concentrations detected in MW-26. The need for additional investigation in this area for 2-Phase extraction implementation will be based on the observations and data collected during the next phase of investigation (Item 6 above). Based on the historical concentrations in the existing wells within former Building 2, this area is included within Remediation Area 3 for 2-Phase Extraction implementation.

#### Delineation of DNAPL Beneath Saddle River

Item 8: No additional response required. In its 20 November 2000 letter, NJDEP approved Hexcel's proposal for no further investigation of groundwater quality across the Saddle River from the Hexcel site.

#### Bedrock Investigation near MW-1 (Hexcel's AOC-7)

Item 9: No additional response required. In its 20 November 2000 letter, NJDEP approved Hexcel's proposal to install a bedrock well near MW-1 after the remediation of shallow overburden in this area.

## Base/Neutral and Acid Extractables (BNAs) and Priority Pollutant Metals (PPMs) in Groundwater and Soil (Hexcel's AOC-3)

Items 10 through 13: No additional response required. Groundwater samples for BNA and PPM analysis, as approved by the NJDEP, were collected on 16 April 2002. The need for additional metals testing will be evaluated based on the groundwater testing results. The groundwater testing results for BNAs and metals, and proposal for additional testing will be provided in our next progress report by 31 August 2002.



#### Remediation of NAPL and VOCs in Groundwater and Soil (Hexcel's AOC-1 and AOC-5)

**Items 14 through 18:** No additional response required. Please refer to the 24 January 2002 letter.

Items 19 through 21: NJDEP has required a proposal for sampling of upper and lower formation wells and for interim product recovery of wells located near the Saddle River during the course of the 2-Phase Extraction implementation. Hexcel proposes the following:

- Monitoring wells along the Saddle River (MW-10, MW-11, MW-8, MW-9 and MW-28) will be sampled semi-annually for VOCs and PCBs.
- Additional deep wells (MW-3, MW-5, MW-7, MW-13, MW-15, MW-19) will be sampled annually for VOCs and PCBs.
- Groundwater elevation/LNAPL/DNAPL monitoring round for wells currently included in the quarterly program, will be conducted on a semi-annual basis.
- Product recovery will be conducted on a monthly basis for wells that indicate recoverable amount of product during the semi-annual monitoring round.

**Items 22 and 23:** No additional response required. Please refer to the 24 January 2002 letter.

#### Remediation of PCBs in Soil and Groundwater (Hexcel's AOC-6)

**Items 24 and 25:** No additional response required. Please refer to the 24 January 2002 letter.

#### Saddle River and Surface Water (Hexcel's AOC-8 and AOC-9)

Items 26 and 27: No additional response required. Please refer to the 24 January 2002 letter. BNA and Metals sampling approved by the NJDEP for monitoring wells along Saddle River was conducted on 16 April 2002. Hexcel will evaluate whether surface water sampling for these parameters is required, based on exceedance of Surface Water Quality Standards (more stringent of the State or Federal). The results and our evaluation will be provided in a progress report by 31 August 2002.

#### **Production Well (Hexcel's AOC-11)**

Items 28: No additional response required. Please refer to the 24 January 2002 letter. Hexcel is awaiting NJDEP's response/approval for the proposal to abandon the existing production well and install an alternate bedrock well in this area for the purpose of monitoring bedrock groundwater quality in this area.



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#### OTHER TECHNICAL REQUIREMENTS AND GENERAL REQUIREMENTS

No additional response required. Please refer to the 24 January 2002 letter.

We trust that this submission provides NJDEP with the information and site maps required by the NJDEP in its 20 November 2001 response to Hexcel's 1999 RAWA. We look forward to NJDEP's review and response to the report. Please call us if you have any questions or need further information during your review. In the interim, Hexcel is moving forward with activities previously approved by the NJDEP. Hexcel will provide a status and progress report by 31 August 2002 with results and evaluation of the completed activities.

Sincerely yours,

HALEY & ALDRICH, INC.

June & Sunila Gupta

Project Engineer

Joseph & Savarese

Project Manager

John A. Rhodes, P.E.

Vice President

cc: A. William Nosil

Edward Hogan, Esq.

 $G: \verb|\documents|| 28 \verb|\28629|| 28629p09.doc$ 



#### LIST OF TABLES

Table I: Cross-Reference Between Historical AECs and Current Remediation

Areas

Table II: Proposed Designation for Areas of Concern (AOC)

Table III: Outstanding Soils Issues From NJDEP's 4 May and 26 October 1993

Letters (in text)

#### LIST OF FIGURES

Figure 1: Cross-Reference between Historical Areas of Environmental Concern

and Current AOC-1 (2-Phase Remediation Areas)

Figure 2: Comparison of 1999 RAWA AOC-1 and May 2002 AOC-1

Refer to List of Appendices for Additional Figures included with this report.

#### LIST OF APPENDICES

Appendix A: NJDEP's 20 November 2001 letter

Appendix B: Haley & Aldrich's 24 January 2002 letter

Appendix C: Volatile Organics Soil Testing Results

• Killam Figure 4: Soil Sampling Results, Surficial Volatile Organic Compounds

• Killam Figure 5: Soil Sampling Results, Sub-Surface Volatile Organic Compounds

• Killam Figure 11: Soil Sampling Results, Exceedances for Surficial Volatile Organic Compounds

• Killam Figure 12: Soil Sampling Results, Exceedances for Sub-Surface Volatile Organic Compounds

• Figure 3: VOC Impacted Areas for Soils

Appendix D: Polychlorinated Biphenyls (PCBs) Soil Testing Results.

• Figure 4: Polychlorinated Biphenyls (PCBs) Soil Testing Results

• Figure 5: Surficial Post-Excavation Sample Locations and PCB Results

• Electronic Deliverables Diskette (NJDEP-Original Only) and EDSA Check Print-Out

Appendix E: Disposal Manifests and Clean-Fill Certification for Surficial PCB

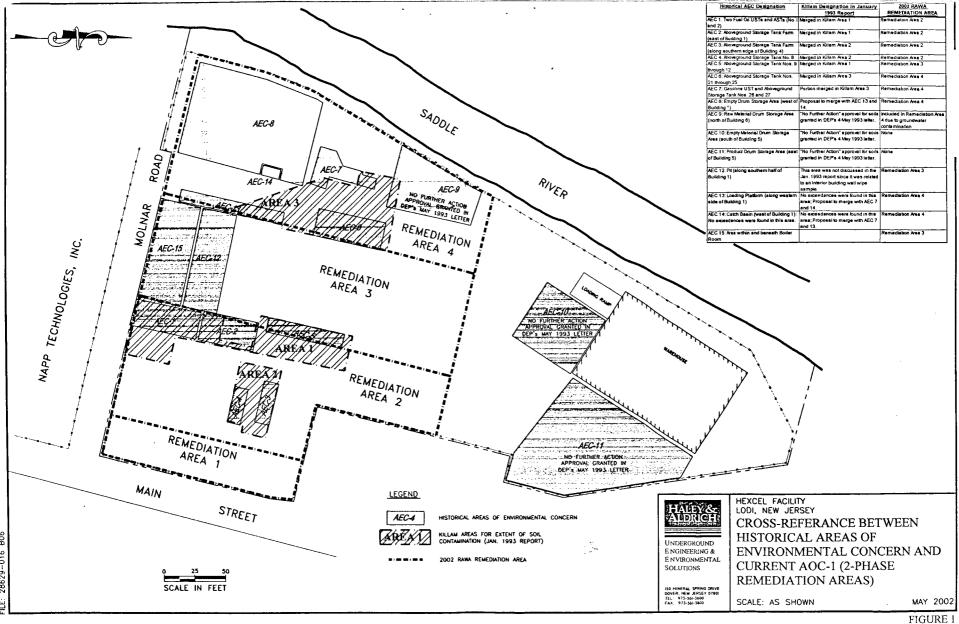
Excavation

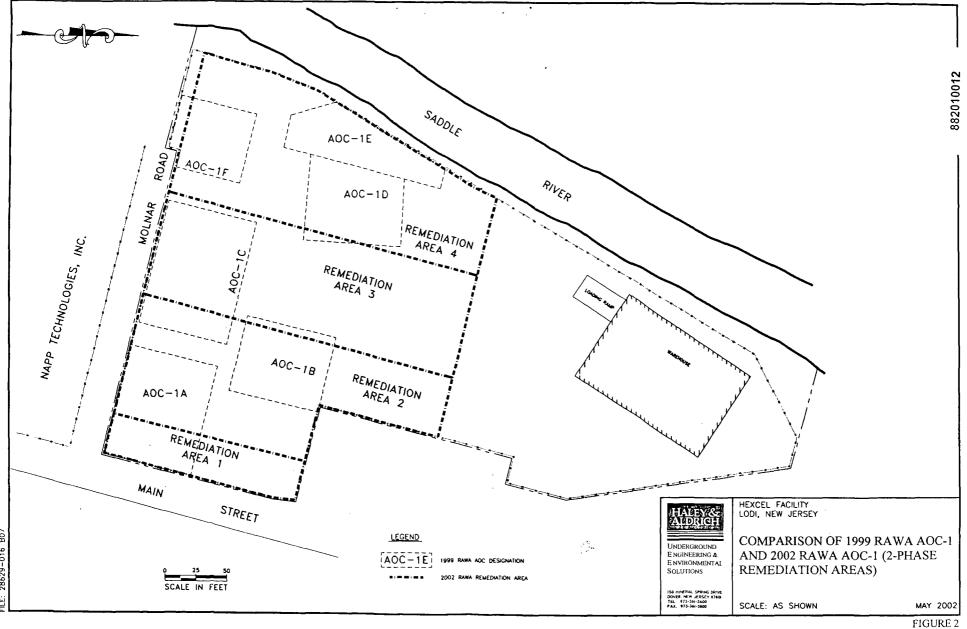
Appendix F: Boring logs for the 1998 and 1999 PCB Investigation Borings



#### **FIGURES**







#### APPENDIX A

#### **Boring Logs**

Temporary Wellpoints (GPW-1 through GPW-5) and Soil Boring G-3R



| HALE)<br>ALDRI                           | ( & CH                            | _                           |                                    |                   | T                       | EST I  | BORING R   | EP          | ORT  |   |        |                   |       | Pag                        |      |         | -31           | ₹    | ,        |
|--|-----------------------------------|-----------------------------|------------------------------------|-------------------|-------------------------|--|--|-------------|--|---|--------|-------------------|-------|----------------------------|------|---------|---------------|------|----------|
| PROJECT<br>LOCATION<br>CLIENT<br>CONTRAC | 4                                 | Hexcel Lodi, New Hexcel Con | •                                  |                   |                         |  | - 10 - 10  |             |  | H&A FILE NO. PROJECT MGR. FIELD REP. DATE STARTED DATE FINISHED |        | Joe<br>An-<br>5/1 |       | 020<br>arese<br>Gre<br>002 | :    |         |               | of   |          |
| Elevation                                |                                   | ft.                         | Datum                              |                   | Boring                  | Location   | corner of lot see  | site m      | an   |   |        | _                 |       | _=                         | _    |         |               | •    |          |
| Item                                     |                                   | Casing                      | Samo                               | ler   Core B      | arrel Rig Ma            |  |  | Ditte til   |  | Hammer Type   | Dri    | llina             | Muc   | 1                          | ,    | Casi    | nor A         | ivan | ce       |
| Type                                     |                                   |                             | baile                              | r                 | ✓ Tru                   |  |  |             | Cat-Head   |   | ]      | Bei               | ntoni | te                         | T۱   | rpe M   | letho         | d D  | eoth     |
| Inside Diam                              |                                   |                             |                                    | 4                 |                         |  |  |             | Winch  |   | ⊒      |                   | yme   | r                          |      |         |               |      |          |
| Hammer We                                |                                   |                             | _                                  | 9920              |                         |  | Air Track  | Ц           | Roller Bit   |   | Ý.     | No                | ne    | لـــا                      |      |         |               |      |          |
| Hammer Fa                                | II (in.)                          |                             | 1                                  | ]9973             | Ski                     | <u> </u>   |  |             | Cutting Head   | Drilling Notes:   | I Gr   | avel              | 1     | Sano                       | 1    | _       | Fie           | ld T | est      |
| Depth (ft.)                              | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Interval for<br>Analysis | PID<br>Reading    | Stratum<br>Change (ft.) | USCS<br>Symbol                                   | (density/consistency   | , color,    | ual Identification & De<br>GROUP NAME & SYM<br>moisture, optional des<br>interpretation) | MBOL, maximum partici   | a      | T                 | و     | % Медіит                   | ヿ    | % Fines | $\overline{}$ | vo T | Strength |
| - 0 -                                    | G-1<br>43"/48"                    |                             |                                    |                   |                         | GP   | Loose, brov  | wn po       | orly graded GRA  | VEL with sand.  | 50     | 20                | 10    | 10                         | 5    | 5       |               |      |          |
| ;  |                                   |                             |                                    |                   | 0.5                     | GP   | Loose, red-br  | own p       | poorly graded GRA  | AVEL with sand.   | 50     | 30                | 10    | 5                          | 5    |         |               |      |          |
| - 1 -                                    |                                   |                             |                                    |                   | 1.3                     | GP-GM  | Loose, brown p   | oorly       | graded GRAVEL  | with silt and sand.   | 40     | 20                | 10    | 10                         | 10   | 10      |               |      |          |
| _ 2 _                                    |                                   | G-3RA                       |                                    | 3.5               |                         |  | Sample G-3   | JRA c       | ollected from 2.25   | 5-2.75 interval.  |        |                   |       |                            |      |         |               |      |          |
| _ 3 _                                    |                                   |                             |                                    | 3.5               | 3.0                     | SP-SM  | Loose, br  | rown j      | poorly graded SAI  | ND with silt.   | 5      | 5                 | 15    | 40                         | 25   | 10      |               |      |          |
| - 4 -                                    | G-2<br>46"/48"                    |                             |                                    | 3                 | 4.0                     | sw   | Mediun   | n dens      | se, brown well gra   | ded SAND  |        | 5                 | 30    | 40                         | 20   | 5       |               |      |          |
|  |                                   |                             |                                    | 15.2              | 4.5                     | GW   | Medium dense   |             | y-brown well grad<br>d; mps 1 in. grave  | ed GRAVEL with  | 40     | 30                | 10    | 10                         | 5    | 5       |               |      |          |
| _ 5 _                                    |                                   |                             |                                    | 32.6              | 5.5                     | SW-SM  | Dense, gray p  | ooorly      | graded SAND w  | ith silt and gravel   | 10     | 15                | 20    | 30                         | 15   | 10      |               |      |          |
| - 6 -                                    |                                   |                             |                                    |                   |                         |  |  |             |  |   |        |                   |       |                            |      |         | 1             |      |          |
|  |                                   | Water Le                    | vel Data                           | <u> </u>          |                         | <del>                                     </del> | Sample (D  | -           | Well Diagram   |   |        | Sı                | ımm   | ary                        |      |         |               |      | 1        |
| Date 5/13/2002                           | Time 2 930                        | Elapsed<br>Time (hr.)       |                                    | Bottom of<br>Hole | to:<br>Water            |  | Open End Rod<br>Thin Wall Tube<br>Undisturbed Sample<br>Split Spoon Sample | [<br>[<br>] | Riser Pipe Screen Filter Sand Cuttings Grout   | Overburden (Linea<br>Rock Cored (Linea<br>Number of Sample      | r ft.) |                   |       |                            |      |         |               |      |          |
|  |                                   |                             |                                    | <u>`</u>          |                         | G  | Geoprobe   |             | Concrete   | BORING NO.  |        |                   |       |                            | 3-3F |         | _             |      |          |
|  |                                   |                             |                                    |                   |                         | <u> </u>   |  | E           | Bentonite Seal   |   |        |                   |       |                            | -~r  | ·<br>   |               |      |          |
| Field                                    | Tests                             | Dilatancy:                  |                                    |                   | W N - None              |  | Plasticity:  | Mr. Ni      |  | - Low M - Medium H  |        |                   | h .   |                            |      |         |               |      |          |
| <del> </del>                             |                                   | Toughness                   |                                    |                   | ım H-Higi               |  |  |             |  | edium H - High V -<br>ations of sampler size.                   | very   | HIG               | 11    |                            |      |         |               |      |          |
| L  |                                   |                             |                                    |                   |                         |  |  |             |  | d by Haley & Aldrich, i   | nc.    | _                 | _     |                            |      |         |               |      |          |

Form #3000

|   | HAI    | 15         | Y&                                |                             |                       |                |                            | _              |  |      |      |     | Π          | Ε  |         | ING |           |           | ٦         |
|---|--------|------------|-----------------------------------|-----------------------------|-----------------------|----------------|----------------------------|----------------|--|------|------|-----|------------|----|---------|-----|-----------|-----------|-----------|
|   | ALI    | R          | ICH                               |                             |                       |                | Т                          | EST            | BORING REPORT  |      |      |     |            |    | G       | -31 | R         |           | 1         |
| 1                                       |        | Ŧ          | =                                 |                             |                       |                |                            | ĭ              | · · · · · · · · · · · · · · · · · · ·  | Gr   | avel |     | Par<br>San |    | 7       |     | of<br>eld | 2<br>Test | $\exists$ |
| -                                       | epth ( | ft.)       | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.) | PID<br>Reading | Stratum<br>Change<br>(ft.) | USCS<br>Symbol | Visual-Manual Identification & Description<br>(density/consistency, color, GROUP NAME & SYMBOL, maximum<br>particle size*, structure, odor, moisture, optional descriptions,<br>qeologic interpretation) | _    | _    |     |            |    | % Fines | -   | Toughness |           | _         |
|   | • 6    |            |                                   | G-3RB                       |                       | 62.8           | 6.5                        | SP-SM          | Sample G-3RB collected from 6.0-6.5 interval<br>Dense, gray poorly graded SAND with silt   | 5    | 5    | 40  | 25         | 20 | 10      |     |           |           |           |
|   | . 7    | _          |                                   |                             |                       | 23.5           | 7.2                        | SM             | Dense, gray silty SAND, moist to wet   |      | 5    | 25  | 30         | 20 | 20      |     |           |           |           |
|   | . 8    |            |                                   |                             |                       |                |                            |                | Boring terminated at 8.0°  |      |      |     |            |    |         |     |           |           |           |
| <br> -                                  |        |            |                                   |                             |                       |                |                            |                |  |      |      |     |            |    |         |     |           |           |           |
|   |        |            |                                   |                             |                       |                |                            |                |  |      |      |     |            |    |         |     |           |           |           |
|   | -      |            |                                   |                             |                       |                |                            |                |  |      |      |     |            |    |         |     |           |           | !         |
|   | •      | _          |                                   |                             |                       |                |                            |                |  |      |      |     |            |    |         |     |           |           |           |
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| SE -                                    |        | _          | <u> 1</u>                         | <u> </u>                    |                       |                |                            | <u> </u>       |  | _    |      |     |            |    |         |     |           |           |           |
| plate                                   | OTES   | <b>5</b> : |                                   |                             |                       |                |                            |                | FiLE NO. 28629-020   | BORI | NG   | NO. |            |    |         | G-  | 3R        |           |           |
| ξĖ                                      |        |            |                                   |                             | *NOTE:                | Maximum F      | Particle Size              | (mps) is       | determined by direct observation within the limitations of sampler size  |      | _    | _   |            | _  | _       | _   |           |           | _         |
| Ź                                       |        |            |                                   |                             |                       |                |                            |                | manual methods of the USCS system as practiced by Haley & Aldrich.   |      |      |     |            |    |         |     |           |           |           |

| HALE'<br>ALDRI          | γ&<br>CH            |  |                       |                   | Ti                      | EST        | BORING R              | ΕP              | ORT   |  |          |        |              | Pa       | (      |         | W         | -1        | 1                      |
|-------------------------|---------------------|--|-----------------------|-------------------|-------------------------|------------|-----------------------|-----------------|---|--|----------|--------|--------------|----------|--------|---------|-----------|-----------|------------------------|
| PROJECT                 |                     | Hexcel   |                       |                   |                         |            | <del></del>           |                 | <del></del>   | H&A FILE NO.                           | _        | 28     | 629-         | _        | ye     |         |           | of        |                        |
| LOCATIO                 |                     | Lodi, New J                                      | Jersev                |                   |                         |            |                       |                 |   | PROJECT MGR.                           |          |        | e Sav        |          | e      |         |           |           |                        |
| CLIENT                  |                     | Hexcel Corp                                      |                       |                   |                         |            |                       |                 |   | FIELD REP.                             |          | _      | drev         |          |        | _       |           |           |                        |
| CONTRAC                 | CTOR                | EPI  |                       |                   |                         |            |                       |                 |   | DATE STARTED                           |          | 5/1    | 13/2(        | 002      |        |         |           |           |                        |
| DRILLER                 |                     |  |                       |                   |                         |            |                       |                 |   | DATE FINISHED                          |          | 5/1    | 13/20        | 002      |        |         |           |           |                        |
| Elevation               |                     | ft.  | Datum                 |                   | Borina                  | Location   | corner of lot see     | site rr         | ар  |  |          |        |              |          |        |         |           |           |                        |
| Item                    |                     | Casing   | Samo                  |                   |                         | ke & Mod   |                       |                 |   | Hammer Type                            | Dri      |        | Мы           |          | _      |         | na A      |           |                        |
| Type                    |                     | PVC  | baile                 |                   |                         |            |                       | H               | Cat-Head<br>Winch   |  | 3        |        | nton<br>lyme |          | 1      | /pe l   | deth      | od D      | eoth                   |
| Inside Dian<br>Hammer W |                     | 2  |                       | 4                 |                         |            |                       | Ħ               | Roller Bit  |  | 7        | No     | -            | '        |        |         |           |           |                        |
| Hammer Fa               |                     |  |                       | 2000              |                         |            |                       | $\Box$          | Cutting Head  | Drilling Notes:                        |          |        |              |          |        |         |           |           |                        |
|                         | Sample No.          | Analytical                                       |                       |                   |                         |            | 1/1                   |                 |   |  | $\vdash$ | ravel  | +            | San      | 4      | $\Box$  |           | eld 1     | est                    |
| Depth (ft.)             | & Recovery<br>(in.) | Sample<br>No.                                    | Sample<br>Depth (ft.) | PID<br>Reading    | Stratum<br>Change (ft.) | USCS       | (density/consistency, | color<br>, odor | ual Identification & Do<br>, GROUP NAME & SYI<br>, moisture, optional de-<br>interpretation)<br>urface Conditions | MBOL, maximum particle                 | % Coarse | % Fine | % Coarse     | % Medium | % Fine | % Fines | Dylatancy | Toughness | Plasticity<br>Strength |
| - 0 -                   | G-1                 |  |                       |                   |                         |            |                       |                 | 3" of Asphalt 6" Not investigate  | đ                                      |          |        |              |          |        |         |           |           |                        |
|                         | 41"/48"             |  |                       |                   |                         |            |                       |                 |   |  |          |        |              | ļ        |        |         |           |           |                        |
|                         |                     |  |                       | 3.6               | 0.5                     | SP-SM      | Loose, brown p        | poor            | ly-graded SAND v  | ith silt and gravel                    | 5        | 10     | 25           | 50       | 10     | 10      |           |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          | ĺ      |              |          |        |         | ı         |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        | ł            |          |        |         |           | - 1       |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        | 1            | 1        |        |         | 1         | İ         |                        |
| <u> </u>                |                     |  | }                     |                   | <u> </u>                | j          | J                     |                 |   |  |          | 1      |              | ]        | J      |         |           |           | 1                      |
|                         |                     |  |                       |                   |                         | -          | _                     |                 |   |  |          |        |              |          |        | - 1     |           | 1         |                        |
|                         |                     |  |                       |                   | 1.3                     | FILL       | 30% ash particle:     | s to :          | specks, 30% chard   | oal fragments, 10%                     | ,        | 1      |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   | 1                       |            | wood particles, 2     | 0%              | sand, 10% gravel.   | Gray to black; mps                     | 3        |        |              |          |        |         |           | ł         |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 | 0.75 in. charcoal   |  | ł        | İ      |              |          |        |         |           |           |                        |
|                         |                     |  |                       | İ                 |                         |            |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
| Lal                     |                     |  |                       |                   |                         |            | <u>l</u>              |                 |   |  |          |        |              |          |        |         |           | -         |                        |
| 2                       |                     |  |                       |                   | 2.1                     | FILL       | 30% ash particle      | es to           | specks, 15% char-   | coal fragments, 5%                     |          |        | j            |          |        |         |           |           |                        |
|                         |                     |  |                       |                   | ļ                       |            |                       |                 |   | Gray to black; mp                      | s        |        |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   | 1                       | 1          |                       |                 | charcoal, organic   |  |          | 1      |              |          |        |         |           | ł         | 1                      |
|                         |                     |  |                       |                   |                         |            |                       |                 | •   |  |          | 1      |              |          |        |         |           | ł         |                        |
|                         |                     |  |                       |                   | 1                       | ]          |                       |                 |   |  | 1        |        | 1            |          |        |         | -         |           |                        |
|                         |                     |  |                       |                   | 1                       | 1          |                       |                 |   |  |          |        |              |          |        | 1       |           | -         |                        |
|                         |                     |  |                       |                   | 2.9                     | FILL       | -                     |                 |   |  |          |        |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   | 2.9                     | FILL       | 30% ash, 25% o        | charc           | oal, 10% wood pa  | articles, 30% sand,                    |          |        |              |          |        |         |           |           |                        |
| <b>⊢</b> 3 <b>⊣</b>     |                     |  |                       | 1                 |                         |            | 5% gravel             | . Gr            | ay to black; mps 0  | .5 in. gravel.                         |          | ļ      |              |          |        |         |           | 1         |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 | •   | · ·                                    | 1        | 1      |              |          |        |         |           |           | h                      |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          | 1      |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   |                         | İ          |                       |                 |   |  |          |        |              | 1        |        | ŀ       |           | -         |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  | -        |        |              |          |        |         | - 1       | 1         |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        | 1            |          |        | l       |           |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        |              |          |        |         |           |           | ı                      |
|                         |                     |  |                       |                   |                         |            | į                     |                 |   |  | İ        |        |              |          |        |         | - 1       |           |                        |
| <b>├</b> 4 <del>-</del> | G-2                 |  |                       | 1                 |                         | ļ          | )                     |                 |   |  |          | 1      |              | ļ        | )      |         | - }       | )         | 1.                     |
|                         | 0-2                 |  |                       |                   | 1                       | ļ          |                       |                 |   |  |          |        |              |          |        | 1       |           | Ì         |                        |
|                         | 47"/48"             |  |                       | 3.6               | 4.3                     | SP-SM      | Loose, brown p        | oorl            | y graded SAND w   | ith silt and gravel.                   | 5        | 5      | 10           | 50       | 20     | 10      |           | 1         |                        |
|                         |                     | 1  |                       |                   |                         |            |                       |                 |   |  |          |        |              | 1        |        |         | 1         | - [       |                        |
|                         |                     |  |                       |                   | ļ                       |            |                       |                 |   |  |          |        |              | 1        |        |         | -         | 1         |                        |
|                         |                     |  |                       |                   |                         | 1          |                       |                 |   |  |          |        |              | l        |        |         |           |           |                        |
| •                       |                     | '  |                       |                   |                         |            |                       |                 |   |  | ł        |        |              |          |        |         |           | -         | 1                      |
|                         |                     |  |                       | 1                 |                         |            |                       |                 |   |  |          |        | 1            |          |        |         |           |           |                        |
| <b>-</b> 5 -            |                     |  |                       | 1                 |                         |            |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  | ŀ        |        |              | 1        |        |         | 1         |           |                        |
|                         |                     |  |                       |                   |                         |            |                       |                 |   |  |          |        |              | 1        |        |         |           | - 1       |                        |
| [                       |                     | ]  |                       | 1                 | 1                       |            |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
| 1                       |                     | 1  |                       | 1                 | 1                       |            | }                     |                 |   |  | 1        | -      | 1            |          |        |         | -         |           | -                      |
| ]                       |                     |  |                       |                   |                         |            |                       |                 |   |  |          | 1      |              | 1        |        |         |           |           | 1                      |
|                         |                     |  |                       |                   |                         | 1          |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
|                         |                     |  |                       | 1                 |                         |            |                       |                 |   |  |          |        |              |          |        |         |           |           |                        |
| - 6 -                   |                     | L  | <u> </u>              |                   |                         |            |                       |                 |   |  | 1        |        | 1            |          |        |         |           |           |                        |
|                         |                     | Water Le   | evel Data             |                   | 4                       |            | Sample ID             | 工               | Well Diagram  |  |          | S      | umn          | ary      |        |         |           |           |                        |
|                         |                     | Elapsed  |                       | epth in feet<br>I | to:                     |            | Open End Rod          |                 | Riser Pipe Screen   | Overtured a min                        |          |        |              |          |        |         |           |           |                        |
| Date                    | Time                | Time (hr.)                                       | Bottom of             | Bottom of         | Water                   | T          | Thin Wall Tube        |                 | Filter Sand   | Overburden (Linea<br>Rock Cored (Linea |          |        | _            |          |        | -       |           |           | _                      |
|                         |                     | <u> </u>   | Casing                | Hole              |                         | Ü          | Undisturbed Sample    | ļ               | Cuttings  | Number of Sample                       |          |        | _            |          |        | _       |           |           | _                      |
| 5/13/200                | 2 1045              | 2  | 9.9                   | 10                | 7.8                     | s          | Split Spoon Sample    |                 | Grout   | PODING NO                              |          |        |              |          |        | _       |           | _         |                        |
|                         | +                   | <del>                                     </del> | <del> </del>          | <del> </del>      |                         | G          | Geoprobe              |                 | Concrete Bentonite Seal   | BORING NO.                             |          |        |              | (        | GPW    | -1      |           |           |                        |
| Field                   | Tests               | Dilatancy:                                       | Ř - Ra                | apid S-Slo        | w N - None              | 3          | Plasticity:           |                 |   | - Low M - Medium H                     | - Hic    | gh     |              |          |        |         |           |           |                        |
| <u> </u>                |                     | Toughness  |                       | v M - Mediu       |                         |            |                       | _               |   | edium H-High V-                        | Very     | Hig    | gh           |          |        |         |           |           |                        |
|                         |                     |  | *NOTE                 | - Maximum         | Darticle Size           | (mne) ie d | atermined by direct o | hean            | ration within the limit   | ations of sampler size                 |          |        |              |          |        |         |           |           |                        |

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, inc.

| Sample No. Analytical Sample PID Stratum USCS Visual-Manual Identification & Description   | Pag |    |      |      |     |    |           |             | -               |        |        |        |        |       |        | -              | -    | _         |            |           |    |    |    |    |      |      |      |          |    | P  | Dan |    | G         | 3 F     | RIN<br>PV | V. | -1  |   | 2        |   |
|--|-----|----|------|------|-----|----|-----------|-------------|-----------------|--------|--------|--------|--------|-------|--------|----------------|------|-----------|------------|-----------|----|----|----|----|------|------|------|----------|----|----|-----|----|-----------|---------|-----------|----|-----|---|----------|---|
| Depth (H.) 4 Recovery Sample (III.) Pepth (III.) No. Depth (III.) Pepth      |    | vel  | Gra\ | G   | Т  |           |             |                 |        |        |        |        |       |        |                | _    | _         |            | _         |    | Т  | C  | Gr | ira\ | vel  | el l | Г        |    |    |     |    | Т         | Ť       |           |    |     |   |          | - |
| 6.1 FILL 30% ash particles and specks, 25% charcoal particles, 10% wood fragments, 30% sand, 5% gravel. Gray to black; mps 0.5 in. gravel, moist.  3.6 8.5 FILL 30% ash specks, 25% charcoal particles, 10% wood particles, 30% ash specks, 25% charcoal particles, 10% wood particles, 30% sand, 5% gravel. Gray to black; mps 0.5 in. gravel, wet.  9 9 MH Gray, sandy SILT, moist to wet. Boring terminated at 10.0° A temporary well point was installed at the boring location. The bore hole was screened from 5.9 - 9.9 feet and a  | т   |    |      | Т    | H   | ŀ  | num<br>S, | imur<br>ns, | aximi<br>tions, | maxir  | L, max | L, ma  | L, ma  | , max | maxir  | naxir<br>otion | ions | dm<br>ons | mui<br>18, | nun<br>S, | ım | ŀ  | r  |    | Т    |      | 7    | % Coarse |    | Т  | -т  |    | - I I I I | % Fines |           | Τ, | ٠,  |   | Strength |   |
| 3.6 8.5 FILL 30% ash specks, 25% charcoal particles, 10% wood particles, 30% sand, 5% gravel. Gray to black; mps 0.5 in. gravel, wet.  9.9 MH Gray, sandy SILT, moist to wet. Boring terminated at 10.0'  A temporary well point was installed at the boring location. The bore hole was screened from 5.9 - 9.9 feet and a  |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
| 3.6 8.5 FILL  30% ash specks, 25% charcoal particles, 10% wood particles, 30% sand, 5% gravel. Gray to black; mps 0.5 in. gravel, wet.  9.9 MH  Gray, sandy SILT, moist to wet.  Boring terminated at 10.0'  A temporary well point was installed at the boring location. The bore hole was screened from 5.9 - 9.9 feet and a   |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
| 9.9 MH Gray, sandy SILT, moist to wet.  Boring terminated at 10.0'  A temporary well point was installed at the boring location. The bore hole was screened from 5.9 - 9.9 feet and a  |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
| A temporary well point was installed at the boring location. The bore hole was screened from 5.9 - 9.9 feet and a  |     |    |      |      |     |    | in.       | 5 in        | 0.5 i           | ps 0.5 | nps 0. | nps 0  | nps (  | ps 0. | os 0.5 | 0.5            | 0.5  | 5 i       | in         | in.       | n. |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
| The bore hole was screened from 5.9 - 9.9 feet and a   | 15  | 1  |      |      |     |    |           | 3           |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    | 15 | 5   | 25 | 6         | 50      | s         | м  | 1 3 | Ĺ |          |   |
|  |     |    |      |      |     |    |           | a           | nd a            | and a  | t and  | et and | et and | and   | and a  | nd a           | d a  | a         | 3          |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
|  |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
|  |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
| NOTES: FILE NO. 28629-020 BORING NO. GPW-1   |     |    |      |      |     |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      |      |          |    |    |     |    |           |         |           |    |     |   |          |   |
|  |     |    |      |      |     |    | _         |             |                 |        |        |        |        |       |        |                |      |           | _          | _         |    |    |    | _  |      |      |      |          |    |    |     |    |           |         |           |    |     | _ |          |   |
| NOTES: FILE NO. 28629-020 BORING NO. GPW-1   |     | ю. | IG N | RIN  | ori | во | В         |             |                 | T      | $\neg$ |        |        | T     | T      | T              |      |           |            | I         | В  | во | OR | RI | INC  | IG I | N    | ١٥.      | ο. |    |     |    |           |         | GI        | PW | -1  |   |          |   |
| *NOTE: Maximum Particle Size/most is determined by direct observation within the Ilmitations of sampler size.  NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.  |     |    |      |      | _   |    |           |             |                 |        |        |        |        |       |        |                |      |           |            |           |    |    |    |    |      |      | _    | _        |    | _  |     | _  |           |         |           |    | _   | _ | _        | - |

| HALE<br>ALDRI                                       | (&<br>CH<br>■                     |                              |                       |                                   | T                         | EST            | BORING REF  | POR                            | Т                                   |   |          |                    |                |                    |         | W-        |            |          |
|---|-----------------------------------|------------------------------|-----------------------|-----------------------------------|---------------------------|----------------|---|--------------------------------|-------------------------------------|---|----------|--------------------|----------------|--------------------|---------|-----------|------------|----------|
| PROJECT<br>LOCATION<br>CLIENT<br>CONTRAC<br>DRILLER | <b>N</b>                          | Hexcel Lodi, New Hexcel Corp |                       |                                   |                           |                |   |                                |                                     | H&A FILE NO. PROJECT MGR. FIELD REP. DATE STARTED DATE FINISHED |          | Joe<br>And<br>5/13 | 29-02<br>Savar | ese<br>Grenze<br>2 | I<br>F  | . 0       |            | 2        |
| Elevation   |                                   | ft.                          | Datum                 |                                   | Boring                    | Location       | corner of lot see site  | map                            |                                     |   |          |                    |                |                    |         |           |            |          |
| item  |                                   | Casino                       |                       |                                   | rrei Rio Mai              |                |   |                                |                                     | Hammer Type   | Dri      | lina l             |                |                    | Casi    | na Ad     | vance      | è        |
| Type  |                                   | PVC                          | baile                 |                                   | — □™                      |                |   |                                | Head                                | Safety  |          |                    | tonite         | י_ן                | voe l   | Metho     | d Dec      | ith      |
| Inside Dian   |                                   | 2                            | <del></del>           | 4                                 |                           |                | _   | Wind                           |                                     | ☐ Doughnut ☐ Automatic  |          |                    | mer            | 1                  |         |           |            |          |
| Hammer W<br>Hammer Fa                               |                                   |                              |                       | 7.5                               |                           |                | Air Track   |                                | er Bit<br>ing Head                  | Automatic Drilling Notes:                                       | <u>.</u> | Non                | ie             |                    |         |           |            | $\dashv$ |
| nammer ra   | 117 (116.1                        |                              |                       | 546905088                         | J SKI                     | <u> </u>       | <del></del>   | Cutti                          | ing riods [1                        | orning Holes,   | Gr       | avel               | Sa             | ind                |         | Fie       | d Tes      | st       |
| Depth (ft.)   | Sample No.<br>& Recovery<br>(in.) | Analyticai<br>Sample<br>No.  | Sample<br>Depth (ft.) | PID<br>Reading                    | Stratum<br>Change (ft.)   | USCS<br>Symbol | Visuat-Ma<br>(density/consistency, colo<br>size*, structure, od | or, GROU<br>or, moisti<br>inte |                                     | BOL, maximum partic   | % Coarse | % Fine             | % Coarse       | % Medium<br>% Fine | % Fines | Dilatancy | Plasticity | Strength |
| - 0 -   | G-1<br>42"/48"                    |                              |                       | 2.6                               | 0.5                       | 7710           | 3   | 3" c                           | of Asphalt<br>of investigated       | ı   | 20       | 10                 | 25 2           | 0 10               | -       |           |            |          |
| - 1 -   |                                   |                              |                       | 3.6                               | 0.5                       | FILL           | Loose, brown poo  | rly grad<br>brick              | ded sand with fragments.            | gravel; mps 1 in.   | 20       | 10                 | 25   3         | 0 10               | 5       |           |            |          |
| 1   |                                   |                              | :                     | 3.6                               | 1.3                       | FILL           | 25% ash particles t<br>wood fragments, 20                       | % sand                         |                                     |   |          |                    |                |                    |         |           |            |          |
| - 2 -   |                                   |                              |                       |                                   |                           | i              |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
|   |                                   |                              |                       |                                   |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| - 3 -   |                                   |                              |                       |                                   |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| - 4 -   | G-2<br>44"/48"                    |                              |                       |                                   |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| - 5 -   |                                   |                              |                       | 3.8                               |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| _ 3 _   |                                   |                              |                       |                                   |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| - 6 -   |                                   | 1                            | }                     |                                   | 1                         |                |   |                                |                                     |   |          |                    |                |                    |         |           |            |          |
| <u> </u>  |                                   | Water                        | evel Data             | L                                 | 1                         | <del> </del>   | Sample ID   |                                | Veli Diagram                        |   |          | L.                 | mma            |                    | 1       |           |            | 1_       |
| Date  | Time                              | Elapsed<br>Time (hr.)        |                       | epth in feet<br>Bottom of<br>Hole | to:<br>Water              | 0<br>T         | Open End Rod<br>Thin Wall Tube                                  | (E)                            | Riser Pipe<br>Screen<br>Filter Sand | Overburden (Line<br>Rock Cored (Line                            | ar ft.)  | au                 | mina           | у                  |         |           |            | -        |
| 5/13/200  | 2 1100                            | 2                            | 9.5                   | 10                                | 7.6                       | U<br>S         | Undisturbed Sample<br>Split Spoon Sample                        |                                | Cuttings<br>Grout                   | Number of Sampl   | es       |                    |                |                    |         |           |            | -        |
| 31131200  | 1100                              |                              | 7.3                   | 10                                | /.0                       | G              | Geoprobe  |                                | Concrete                            | BORING NO.  |          |                    |                | GPV                | V-2     |           |            | _        |
| Field   | i Tests                           | Dilatancy:<br>Toughness      |                       |                                   | w N - None<br>um H - High | <u> </u>       | Plasticity:   | N -                            | Bentonite Seal<br>Nonplastic L -    | Low M - Medium F  |          |                    | n              | GrV                |         |           |            |          |
|   |                                   | ····                         |                       |                                   |                           |                |   |                                |                                     |   |          |                    |                |                    |         |           |            | _        |

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

| HAI  | FV&      | 3                   |     |                       | :              |                   |                |  |             |        | Т        |        |         | RING      |            |            | ٦     |
|--|----------|---------------------|-----|-----------------------|----------------|-------------------|----------------|--|-------------|--------|----------|--------|---------|-----------|------------|------------|-------|
| ALD  | RICE     | 1                   |     |                       |                | Т                 | EST            | BORING REPORT  |             |        |          |        | G]      | PW        | <b>/-2</b> | ,          |       |
|  |          | <u> </u>            | ,   | ,                     |                |                   |                |  | _           | . 1    |          | qe     |         | 2         | of         | 2          | _     |
| Depth (  | ft.) & R | nple No.<br>ecovery |     | Sample<br>Depth (ft.) | PID<br>Reading | Stratum<br>Change | USCS<br>Symbol | Visual-Manual Identification & Description   | Grave       | $\top$ | Sar      |        | es      | -         |            | Test       | _     |
|  |          | (in.)               | No. | . , ,                 |                | (ft.)             |                | particle size*, structure, odor, moisture, optional descriptions,<br>qeologic interpretation)  | % Coarse    | a Lile | % Medium | % Fine | % Fines | Ditatancy | Toughness  | Plasticity | Stren |
| - 6  |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
| 7  |          |                     |     |                       | 4              | 7.1               | SP-SM          | Medium dense, brown poorly-graded SAND with silt   | 10          | 20     | 40       | 20     | 10      |           |            |            |       |
| 8  |          | -3<br>/48"          |     |                       | 32.4           | 8.5               |                |  |             |        |          |        |         |           |            |            |       |
| - 9  |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
| _ 10   | -        |                     |     |                       | 113            | 9.9               | МН             | Dense, gray sandy SILT, moist to wet.  |             |        | 15       | 25     | 60      | s i       | м          | L          |       |
|  |          |                     |     |                       |                |                   |                | Boring Terminated at 10.0'  A temporary well point was installed at the boring location.  The bore hole was screened from 5.5 - 9.5 feet and a groundwater sample(GPW-2) was collected and analyzed. |             |        |          |        |         |           |            |            |       |
|  |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
|  |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
| log.xis  |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
| K. Vernampiate to one state of size of |          |                     |     |                       |                |                   |                |  |             |        |          |        |         |           |            |            |       |
| NOTES:   |          |                     | l   | L                     | l              | L                 | 1              | FILE NO. 28629-020 BO  | RING        | I NO   | <u></u>  |        | 1_      | GPY       | N-2        |            | -     |
| E  |          |                     |     | *NOTE:                | Mavimum 5      | article Si        | (mne) is :     |  |             |        | _        |        |         | JI.       | . 4        |            | _     |
| Ž  |          |                     |     |                       |                |                   |                | determined by direct observation within the limitations of sampler size.  nanual methods of the USCS system as oracticed by Haley & Aldrich, in  | <del></del> |        |          |        |         |           | _          |            | _     |
|  |          |                     |     |                       |                |                   |                |  | <del></del> |        |          | _      |         |           |            |            | -     |

| HALE'<br>ALDRI          | Y&z<br>ICH                        |                             |                       |                   | T                          | ESTI                 | BORING REPORT   |  |       |           |        |            | (     | GP      | W    | -3          |                        |         |
|-------------------------|-----------------------------------|-----------------------------|-----------------------|-------------------|----------------------------|----------------------|---|--|-------|-----------|--------|------------|-------|---------|------|-------------|------------------------|---------|
| PROJECT                 |                                   | Hexcel                      |                       |                   |                            |                      |   | H&A FILE NO.   |       | 280       | 529-0  | Pag<br>020 | 1e    |         |      | of          |                        | -       |
| LOCATIO                 | N                                 | Lodi, New 1                 | Jersey                |                   |                            |                      |   | PROJECT MGR.   |       | Joe       | Sav    | ares       | e     |         |      |             |                        |         |
| CLIENT                  |                                   | Hexcel Corp                 | poration              |                   |                            | _                    |   | FIELD REP.   |       | _         |        | v Gre      | enzer |         |      |             |                        | _       |
| CONTRAC<br>DRILLER      | CTOR                              | EPI                         |                       |                   |                            |                      |   | DATE STARTED<br>DATE FINISHED                              |       | _         | 3/20   |            |       |         |      |             | —                      | -       |
|                         |                                   |                             | Datum                 |                   | In                         |                      |   | DATETINISHED   |       | 5/1       | J/2(   | UZ         | _     | _       |      | ==          | _                      | ٦       |
| Elevation<br>Item       |                                   | Casing                      |                       | er Core B         |                            | Location<br>ke & Mod | corner of lot see site map  | Hammer Type  | Drí   | llina     | Muc    | , ,        | ٠,    | Casi    | na A | dvan        | ıce                    | -       |
| Type                    |                                   | PVC                         | baile                 |                   | ✓ Tru                      | _                    | · · · • -   | Safety [   |       |           | ntoni  |            | Ţν    | rpe N   | leth | od De       | epth                   |         |
| Inside Dian<br>Hammer W |                                   | 2                           |                       | 4                 | AT\                        |                      |   |  | 7     | Poi<br>No | iyme   | r          |       |         |      |             |                        |         |
| Hammer Fa               |                                   |                             |                       |                   |                            |                      | Cutting Head  | Drilling Notes:  |       | ,,,,      |        |            |       |         | ·    |             |                        |         |
| Depth (ft.)             | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.) | PID<br>Reading    | Stratum<br>Change (ft.)    | USCS<br>Symbol       | Visual-Manual Identification & (density/consistency, color, GROUP NAME & S size*, structure, odor, moisture, optional d interpretation) | YMBOL, maximum particle                                    | · ·   | Ravel %   | Coarse | % Medium   |       | % Fines |      | Toughness a | Plasticity<br>Strength | onendri |
| - o <b>-</b>            | G-1<br>41"/48"                    |                             |                       |                   |                            |                      | Surface Condition<br>3" of Asphalt<br>3"-6" Not investiga   | ted  |       |           |        |            |       |         |      |             |                        |         |
| - 1 -                   |                                   |                             |                       | 3.6               | 0.5                        | SW                   | Loose, yellow-brown well-gra  | aded SAND.   |       | 5         | 35     | 30         | 25    | 5       |      |             |                        |         |
|                         |                                   |                             |                       | 3.6               | 1.5                        | SP                   | Loose, yellow-brown poorly graded<br>mps 0.75 in. brick   |  | 20    | 5         | 30     | 30         | 10    | 5       |      |             |                        |         |
| _ 2                     |                                   |                             |                       |                   |                            |                      |   |  |       |           |        |            |       |         |      |             |                        |         |
| - 4 -                   | G-2<br>46"/48"                    |                             |                       | 3.6               | 3.5                        | SW                   | Loose, yellow brown well graded SAN<br>in. brick.   | (D with gravel; mps  | 1 20  | 5         | 25     | 25         | 20    | 5       |      |             |                        |         |
| - 5 -                   |                                   |                             |                       | 3.7               | 5.3                        | GW                   | Medium dense, yellow-brown well gi<br>sand  | raded GRAVEL with  | 35    | 35        | 20     | 15         | 5     |         |      |             |                        |         |
| - 6 -                   |                                   |                             |                       |                   |                            |                      |   |  |       |           |        |            |       |         |      |             | $\perp$                | _       |
|                         |                                   | Water L                     | evel Data             | epth in feet      | to                         |                      | Sample ID Well Diagram  |  |       | S         | ımn    | ary        |       | _       |      |             |                        | _       |
| Date                    | Time                              | Elapsed<br>Time (hr.)       | Bottom of<br>Casing   | Bottom of<br>Hole | Water                      | 0<br>T<br>U          | Open End Rod Thin Wall Tube Undisturbed Sample  Riser Pipe Screen Filter Sand Cuttings  | Overburden (Linea<br>Rock Cored (Linea<br>Number of Sample | rft.) |           |        |            |       |         |      | _           | _                      |         |
| 5/13/200                | 2 1130                            | 2                           | 9                     | 10                | 7.6                        | s                    | Split Spoon Sample Grout  | BORING NO.   |       |           |        | _          |       |         |      |             | _                      | _       |
| Field                   | Tests                             | Dilatancy:<br>Toughness     | s: L-Low              | M - Mediu         | ow N - None<br>um H - High | 11                   | Plasticity: N - Nonplastic Dry Strength: N - None L - Low M -   | ıl<br>L - Low M - Medium H<br>Medium H - High V -          | Very  |           | h      | -          | SPW-  | .3      |      |             |                        | _       |
|                         |                                   |                             |                       |                   |                            |                      | etermined by direct observation within the lim<br>nanual methods of the USCS system as practi   |  |       | _         |        |            | _     |         | _    |             |                        | _       |
|                         |                                   |                             |                       |                   |                            |                      |   |  | _     |           |        |            | _     | _       | _    |             | $\overline{}$          | _       |

| September   Sept | I                          | IAI<br>ALE | JE)<br>(RI | Y&z<br>ICH |        |                                       |     | Т      | EST   | BORING REPORT  |          |      |     |    |         |         | ING<br>PW |     |           |   |
|--|----------------------------|------------|------------|------------|--------|---------------------------------------|-----|--------|-------|--|----------|------|-----|----|---------|---------|-----------|-----|-----------|---|
| Depth ph   Ambigration   Amb | E                          |            |            |            |        |                                       |     |        |       |  | <u> </u> |      |     |    |         |         |           |     | Z<br>Tost | 7 |
| 5.6  6.2 8.8 MH Dense, yetlow-brown sandy SILT.   It is 75 % Mt L  4.9 GW-GM Dense, brown well graded GRAVEL with silt and sand.   22 22 15 15 10 10 t  5.1 9.9 SW-SM Dense, brown well graded SAND with silt.   5 15 00 00 10    Horizog terminated at 10.00  A temporary well point was installed at the boring location. The fore bole was screened from 5.0 - 9.0 feet and a ground-water sample (GPW-3) was collected and analyzed.   | De                         | epth (     | ft.)       | & Recovery | Sample |                                       |     | Change |       | (density/consistency, color, GROUP NAME & SYMBOL, maximum<br>particle size*, structure, odor, moisture, optional descriptions,                 |          |      |     |    |         | % Fines |           | 5   | T         | ٦ |
| 4.9 GW-GM Dense, brown well graded GRAVEL with silt and sand. 25 25 15 25 10 10 10    5.1 9.9 SW-SM Dense, brown well graded SAND with silt.  Boring terminated at 10:00  A temporary well point was installed at the boring location. The bore hole was screened from 5.0 - 9.0 feet and a groundwater sample(GPW-3) was collected and analyzed.  |                            | 7          |            |            |        |                                       |     |        |       |  | 6        | 6    | 6   |    |         |         |           |     |           | 8 |
| S.1 9.9 SW-SM Dense, brown well graded SAND with silt.  Horing terminated at 10:00  A temporary well point was installed at the boring location. The bore bole was screened from 5.0 - 9.0 feet and a groundwater sample (GPW-3) was collected and analyzed.  NOTES:  FILE NO. 28529-020 BORING NO. GPW-3  | -                          | 9          |            |            |        |                                       | 6.2 | 8.8    | МН    | Dense, yellow-brown sandy SILT.  |          |      |     | 10 | 15      | 75      | N         | М   | L         |   |
| Boring terminated at 10.0  A temporary well point was installed at the boring location. The bore hole was screened from 5.0 - 9.0 feet and a groundwater sample(GPW-3) was collected and analyzed.   |                            |            |            |            |        |                                       | 4.9 |        | GW-GM | Dense, brown well graded GRAVEL with silt and sand.  | 25       | 25   | 15  | 15 | 10      | 10      |           |     |           |   |
| *NOTE: Maximum Particle Size(mos) is determined by direct observation within the limitations of sampler size.  | overtor klindy necessarili | 10         |            |            |        |                                       | 5.1 | 9.9    | SW-SM | Boring terminated at 10.0°  A temporary well point was installed at the boring location.  The bore hole was screened from 5.0 - 9.0 feet and a |          | 5    | 15  | 30 | 40      | 10      |           |     |           |   |
|  | NC                         | TES        | :          | L          | ·      | · · · · · · · · · · · · · · · · · · · |     | L      |       | FILE NO. 28629-020 B   | ORIN     | IG N | 10. |    | <b></b> |         | GP\       | V-3 |           | _ |
| NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.   | F                          |            |            |            |        |                                       |     |        |       |  | _        |      |     |    |         |         |           |     | _         | Ξ |

| HALE)<br>ALDRI      | Y &z<br>ICH                       |                             |                       |                   | T                       | ESTI           | BORING REPORT  |   |                    |                   |                    |         | W.          | -4         | 3          |
|---------------------|-----------------------------------|-----------------------------|-----------------------|-------------------|-------------------------|----------------|--|---|--------------------|-------------------|--------------------|---------|-------------|------------|------------|
| DBO JECT            |                                   | Uarce)                      |                       |                   |                         |                |  | HAA EILE NO                                     | 28                 | <b></b><br>629-0: | Page               |         |             | of         |            |
| PROJECT<br>LOCATION |                                   | Hexcel                      | Inmau                 |                   |                         |                |  | H&A FILE NO.<br>PROJECT MGR.                    | _                  | 029-0.<br>Sava    |                    |         |             |            | $\dashv$   |
|                     |                                   | Lodi, New I                 |                       |                   |                         |                | <del></del>  |   | _                  |                   |                    |         |             |            | — <u> </u> |
| CLIENT              |                                   | Hexcel Corp                 | poration              |                   |                         |                |  | FIELD REP.                                      |                    |                   | Grenze             | -1      |             |            |            |
| DRILLER             | JOR                               | EPI_                        |                       |                   |                         |                |  | DATE STARTED<br>DATE FINISHED                   |                    | 3/200             |                    |         |             |            |            |
|                     |                                   |                             |                       |                   |                         |                |  | DATE FINISHED                                   | 31                 | 3/200             |                    |         | <del></del> | _          | _          |
| Elevation           |                                   |                             | Datum                 |                   |                         | Location       | corner of lot see site map   |   |                    |                   | -                  |         |             |            | -          |
| ltem                |                                   | Casina                      |                       |                   |                         | ke & Mod       |  |   | Drilling           |                   | ٠                  |         | ina Ac      |            | _          |
| Type<br>Inside Dian |                                   | PVC                         | baile                 | 4                 |                         |                |  | Safety Doughnut                                 | -                  | ntonite<br>lymer  | '                  | voe     | Metho       | od De      | oth        |
| Hammer W            |                                   | 2                           | <del></del>           | 7                 |                         |                |  | Automatic 2                                     |                    | -                 |                    |         |             |            | - 1        |
| Hammer Fa           |                                   |                             |                       | 100 (4)           |                         |                | Cutting Head   | Drilling Notes:                                 |                    |                   |                    |         |             |            |            |
|                     |                                   |                             |                       |                   |                         |                |  |   | Gravel             | S                 | and                | 1       |             | ld Te      | st         |
| Depth (ft.)         | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.) | PID<br>Reading    | Stratum<br>Change (ft.) | USCS<br>Symbol | Visual-Manual Identification 8<br>(density/consistency, color, GROUP NAME &<br>size*, structure, odor, moisture, optional<br>interpretation) | SYMBOL, maximum particle descriptions, geologic | % Coarse<br>% Fine | % Coarse          | % Medium<br>% Fine | % Fines | Dilatancy   | Plasticity | Strength   |
| - 0 -               | 39"/48"                           |                             |                       |                   |                         |                | Surface Conditio<br>3" of Asphalt<br>3"-6" Not investig  |   |                    |                   |                    |         |             |            |            |
|                     |                                   |                             |                       | 3.6               | 0.5                     | SP-SM          | Loose, yellow-brown poorly-grad  | ed SAND with silt.                              | 5                  | 40                | 30 15              | 10      |             |            |            |
| <b>-</b> 1 -        |                                   |                             |                       |                   |                         |                |  |   |                    |                   |                    |         |             |            |            |
| - 2 -               |                                   |                             |                       |                   |                         |                |  |   |                    |                   |                    |         |             |            |            |
| - 3 -               |                                   |                             |                       | 3.6               | 3.5                     | sw             | Loose, yellow brown poorly grade:  | d SAND with gravel                              | 20 5               | 25                | 25 20              | 5       |             |            |            |
| - 4 -               | G-2                               |                             |                       |                   |                         |                | mps 1 in. brick  | -   |                    |                   |                    |         |             |            |            |
| _ 5 _               | 45 / 40                           |                             |                       |                   | 5.0                     | GW             | Loose, yellow-brown well-graded  | GRAVEL with sand.                               | 30 35              | 20                | 5                  |         |             |            |            |
| - 6 -               |                                   | Water L                     | evel Data             |                   |                         |                | Sample ID Well Diagram   |   | <u> </u>           | umma              | ~                  |         |             |            |            |
|                     |                                   |                             |                       | epth in feet      | to:                     | t              | ILD Riser Pipe   |   |                    |                   | <u> </u>           |         |             |            |            |
| Date                | Time                              | Elapsed<br>Time (hr.)       | Bottom of<br>Casing   | Bottom of<br>Hole | Water                   | 0<br>7<br>U    | Open End Rod Thin Wall Tube Undisturbed Sample  Cuttings   | Overburden (Linear<br>Rock Cored (Linear        | ft.)               |                   |                    |         |             |            | -          |
| 5/13/200            | 2 1155                            | 2                           | 9.5                   | 10                | 7.4                     | s              | Split Spoon Sample Grout   | Number of Samples                               |                    | _                 |                    |         |             |            | -          |
|                     |                                   |                             |                       | L                 |                         | Ğ              | Geoprobe Concrete  | BORING NO.                                      |                    |                   | GPV                | V_A     |             |            |            |
| Ľ                   |                                   |                             |                       |                   |                         | ]              | Bentonite Se   | eal   |                    |                   | GPV                | v-4     |             |            |            |
| Field               | Tests                             | Dilatancy:                  |                       | pid S - Slo       |                         |                |  | L - Low M - Medium H -                          |                    |                   |                    |         |             |            |            |
|                     |                                   | Toughness                   |                       | M - Mediu         |                         |                | Dry Strength; N - None L - Low M   |   | ery Hig            | jh                |                    |         |             |            |            |
|                     |                                   |                             |                       |                   |                         |                | etermined by direct observation within the li  |   |                    |                   |                    |         |             |            |            |
| L                   |                                   |                             | NOTE: 50              | il identificati   | ons based o             | n visual-r     | nanual methods of the USCS system as prac  | ticed by Haley & Aldrich, In                    | c.                 |                   |                    |         |             |            |            |

|                                       | HA<br>Ali | LE<br>DR | Y&<br>ICH                         |                             |                       |                | Т                          | EST            | BORING REPORT   |          |     | F  | aqe      | G       | RING<br>PV |       | 4          |    |
|---------------------------------------|-----------|----------|-----------------------------------|-----------------------------|-----------------------|----------------|----------------------------|----------------|---|----------|-----|----|----------|---------|------------|-------|------------|----|
|                                       | epth      | (ft.)    | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.) | PID<br>Reading | Stratum<br>Change<br>(ft.) | USCS<br>Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions,                              | % Coarse | _   | Şa | and<br>E | % Fines |            | Field | Plasticity | _  |
|                                       | 6         |          |                                   |                             |                       |                |                            |                | qeologic interpretation)  | 8        | *   | *  | *        | 8 8     | 10         | T     | ā          | St |
|                                       | 8         |          | G-3<br>22"/48"                    |                             |                       | 5.2            |                            |                |   |          |     |    |          |         |            |       |            | :  |
|                                       | 9         | _        |                                   |                             |                       | 10.4           | 8.8                        | МН             | Dense, yellow-brown sandy SILT.   |          |     | 1  | 0 3      | 0 60    | Z          | М     | L          |    |
|                                       | 10        |          |                                   |                             |                       |                |                            |                | Boring terminated at 10.0°  A temporary well point was installed at the boring location. The bore hole was screened from 5.5 - 9.5 feet and a groundwater sample(GPW-4) was collected and analyzed. |          |     |    |          |         |            |       |            |    |
|                                       |           |          |                                   |                             |                       |                |                            |                |   |          |     |    |          |         |            |       |            |    |
| 2 X IS                                |           | _        |                                   |                             |                       |                |                            |                |   |          |     |    |          |         |            |       |            |    |
| KitemplateVorms\uscstb typing logixts | OTE:      | S:       |                                   |                             |                       |                |                            |                | FILE NO. 28629-020 BG  letermined by direct observation within the limitations of sampler size.  nanual methods of the USCS system as practiced by Halev & Aldrich. If                              | ORIN     | G N | 0. |          |         | GF         | PW-4  |            |    |

| HALEY             | (&<br>CH                          |                             |                                       |                | TI                      | EST            | BORING R                       | EPOF                               | RT                                    |                                      |         |        |               |            | G        | PV     | V-5             |                     |
|-------------------|-----------------------------------|-----------------------------|---------------------------------------|----------------|-------------------------|----------------|--------------------------------|------------------------------------|---------------------------------------|--------------------------------------|---------|--------|---------------|------------|----------|--------|-----------------|---------------------|
| 220 1507          |                                   | **                          |                                       |                |                         |                |                                |                                    | <del></del>                           | USA FUE NO                           |         | 200    | _             | Page       | <u>}</u> | 1      | of              | 2                   |
| PROJECT           |                                   | Hexcel                      | · · · · · · · · · · · · · · · · · · · |                |                         |                |                                |                                    |                                       | H&A FILE NO.                         |         | _      | 529-0         |            |          |        |                 |                     |
| LOCATION          | N                                 | Lodi, New                   |                                       |                |                         |                |                                |                                    |                                       | PROJECT MGR.                         |         | _      | Sava          |            |          |        |                 |                     |
| CLIENT            |                                   | Hexcel Con                  | poration                              |                |                         |                |                                |                                    |                                       | FIELD REP.                           |         |        | drew          |            | zer      |        |                 |                     |
| CONTRAC           | TOR                               | EPI                         |                                       |                |                         |                |                                |                                    |                                       | DATE STARTED                         |         |        | 3/200         |            |          |        |                 |                     |
| DRILLER           |                                   |                             |                                       |                | <del></del>             |                |                                |                                    |                                       | DATE FINISHED                        |         | 3/1    | 3/200         | J2         |          |        |                 | =                   |
| Elevation<br>Item |                                   |                             | Datum                                 | . 1            |                         | Location       | comer of lot see               | site map                           |                                       |                                      |         |        |               |            |          |        |                 |                     |
| Type              |                                   | Casino<br>PVC               | Samo<br>baile                         |                | rrel Rio Mal            |                |                                | Ca                                 | it-Head                               | Hammer Tvoe Safety                   |         |        | Mud<br>ntonit |            |          | sina . |                 | epth                |
| Inside Diam       | neter (in.)                       | 2                           | bunc                                  | 4              |                         |                |                                | _                                  | inch                                  | ☐ Doughnut                           | H       |        | ymer          | -          | ,,,,,    |        |                 | CD LII              |
| Hammer W          |                                   |                             |                                       | 100            |                         |                | Air Track                      | Ro                                 | oller Bit                             | Automatic                            | V       | Nor    | ne            |            |          |        |                 |                     |
| Hammer Fa         | ill (In.)                         |                             |                                       |                | Ski                     | d              |                                | cu                                 | itting Head                           | Drilling Notes:                      | - 10:   |        | , ,           |            |          | ,      |                 | <del></del>         |
| Depth (ft.)       | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.)                 | PID<br>Reading | Stratum<br>Change (ft.) | USCS<br>Symbol | (density/consistency           | , color, GR6<br>e, odor, moi<br>ir | sture, optional des<br>iterpretation) | IBOL, maximum parti                  |         | % Fine | 9             | % Medium % | % rines  |        | Toughness plain | Plasticity Strength |
| - 0 -             | G-1                               | 1                           |                                       |                |                         |                |                                |                                    | of Asphalt                            |                                      |         |        |               |            |          |        | 1               |                     |
| 1                 |                                   |                             |                                       |                | }                       |                |                                | 3"-6" 1                            | Not investigated                      | i                                    | -       |        |               | - }        |          |        |                 |                     |
|                   | 41"/48"                           |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | ı          |          |        |                 | 1 1                 |
|                   |                                   |                             |                                       | 3.6            | 0.5                     | FILL           | 30% ash. 25%                   | charcoal.                          | . 10% wood pa                         | rticles, 20% sand                    | ı. İ    |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       | 3.0            | 0.5                     | FILL           |                                |                                    | to black; mps 0                       |                                      | ´       |        | li            |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    | - , 1                                 |                                      | ŀ       |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                | 1                       |                | 1                              |                                    |                                       |                                      | - 1     | 1      | 11            | 1          |          |        |                 |                     |
| . 1               |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | Ì       |        |               |            |          |        |                 |                     |
| - 1 -             |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | ı       |        |               |            |          |        |                 |                     |
|                   | 1                                 |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         | 1      |               |            |          |        |                 |                     |
| ĺ                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | İ       |        |               | ĺ          | ĺ        |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | - 1     |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| _ 2 _             |                                   | ļ                           |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        | ] ]           |            |          |        |                 |                     |
| 7                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | 1          |          |        | - 1             |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        | ı               |                     |
|                   |                                   |                             | ı                                     |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| J                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| İ                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          | 1 1    |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | - 1     |        |               |            |          | 1 1    | - 1             |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          | 1      |                 |                     |
| - 3 -             |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| j                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| l                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | -          |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        | İΙ            |            |          |        |                 |                     |
| İ                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| ]                 |                                   |                             | 1                                     |                |                         |                |                                |                                    |                                       |                                      | - 1     |        |               |            | 1        |        |                 | 11                  |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | -          |          |        |                 | 1                   |
| [                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | - [        |          |        |                 |                     |
| - 4 -             | G-2                               |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | İ       |        | Ιİ            |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         | 1      |               |            |          |        |                 |                     |
| 1                 | 45"/48"                           |                             |                                       |                |                         |                |                                |                                    |                                       |                                      | - 1     |        |               | 1          |          | 1 1    |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | 1          |          |        |                 |                     |
| ĺ                 |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 | 1                   |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               | 1          |          |        |                 |                     |
| - 5 -             |                                   |                             |                                       |                | J                       |                |                                |                                    |                                       |                                      |         |        |               |            | J        |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        | -               | 11                  |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| ļ                 |                                   |                             |                                       |                | ļ                       |                |                                |                                    |                                       |                                      |         | ] ]    |               |            |          |        |                 |                     |
|                   |                                   |                             |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
|                   |                                   | 1                           |                                       |                |                         |                |                                |                                    |                                       |                                      |         |        |               |            |          |        |                 |                     |
| - 6 -             |                                   | <u></u>                     | L                                     |                |                         |                |                                |                                    |                                       |                                      |         |        | L l           |            |          |        |                 |                     |
|                   |                                   | Water L                     | evel Data                             |                |                         |                | Sample ID                      |                                    | Well Diagram                          |                                      |         | Su     | mma           | ry         |          |        |                 |                     |
|                   |                                   | Flancad                     |                                       | epth in feet   | to:                     |                | Onen End Pad                   |                                    | Riser Pipe                            | 0.00                                 |         |        |               |            |          |        |                 |                     |
| Date              | Time                              | Elapsed<br>Time (hr.)       | Bottom of                             | Bottom of      | Water                   | O<br>T         | Open End Rod<br>Thin Wall Tube |                                    | Screen<br>Filter Sand                 | Overburden (Line<br>Rock Cored (Line |         |        |               |            |          |        |                 |                     |
|                   |                                   |                             | Casing                                | Hole           |                         | Ü              | Undisturbed Sample             | 5.3                                | Cuttings                              | Number of Samp                       |         |        | _             |            |          |        |                 | _                   |
| 5/13/200          | 2 1215                            | 2                           | 9.9                                   | 12             | 7.7                     | S              | Split Spoon Sample             |                                    | Grout                                 |                                      |         |        |               |            |          |        |                 |                     |
|                   | <del> </del>                      |                             | <del> </del>                          | <del> </del>   | <del> </del>            | G              | Geoprobe                       | <u>∡</u><br>222                    | Concrete<br>Bentonite Seal            | BORING NO.                           |         |        |               | GP         | W-5      |        |                 |                     |
| Field             | Tests                             | Dilatancy:                  |                                       | pid S - Sío    | w N - None              | <u></u>        | Plasticity:                    |                                    |                                       | Low M - Medium F                     | 1 - Hig | h      |               |            |          |        |                 | $\dashv$            |
|                   |                                   | Toughness                   | s: L - Low                            | M - Mediu      | ım H - High             |                |                                | N - None                           | L-Low M-Me                            | dium H-High V                        | - Very  |        | 1             |            |          |        |                 |                     |

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

|                          | IĄ    | (1)    | Y&z                               |                             |                       |                |                            |                | DODING DEDORT   |          |        |          |        |         |           | G N       |            |          |
|--------------------------|-------|--------|-----------------------------------|-----------------------------|-----------------------|----------------|----------------------------|----------------|---|----------|--------|----------|--------|---------|-----------|-----------|------------|----------|
| A                        | 141   | Ж<br>E | Gil                               |                             |                       |                | ı                          | ESI            | BORING REPORT   |          |        | Ļ        | age    |         |           | W-        |            | _        |
| ۲                        |       | ٦      | P111                              | Analosto                    |                       |                | Sama to to                 |                | L   | Grav     | el     |          | nd     |         | Ţ         | Fiel      | d Te       | st       |
| De                       | pth ( | (ft.)  | Sample No.<br>& Recovery<br>(in.) | Analytical<br>Sample<br>No. | Sample<br>Depth (ft.) | PID<br>Reading | Stratum<br>Change<br>(ft.) | USCS<br>Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation) | % Coarse | % Fine | % Coarse | Wedlum | % Fines | Ditatanov | Toughness | Plasticity | Strength |
|                          | 7     |        | G-3                               |                             |                       | 5.6            |                            |                |   |          |        |          |        |         |           |           |            |          |
|                          | 9     | _      | 47"/48"                           |                             |                       | 570            | 8.8                        | МН             | Dense, gray sandy SILT, organic odor, moist to wet.   |          |        | 1        | 5 2    | 5 60    | S         | М         | L          |          |
| -                        | 10    |        |                                   |                             |                       | 1135           |                            |                |   |          |        |          |        |         |           |           |            |          |
|                          | 11    |        |                                   |                             |                       |                |                            |                |   |          |        |          |        |         |           |           |            |          |
|                          | 12    |        |                                   |                             |                       |                |                            |                | A temporary well point was installed at the boring location.  The bore hole was screened from 5.9 - 9.9 feet and a groundwater sample(GPW-5) was collected and analyzed.                        |          |        |          |        |         |           |           |            |          |
| mstuscetb typing log.xls |       |        |                                   |                             |                       |                |                            |                |   |          |        |          |        |         |           |           |            |          |
| ON                       | TES   | 3:     |                                   | <u> </u>                    | 1                     |                | 1                          | L              | FILE NO. 28629-020 BC   | RING     | G N    | o.       |        |         | G         | PW-       | 5          |          |
|                          | _     | _      |                                   |                             | *NOTE:                | Maximum F      | article Size               | (mos) is c     | letermined by direct observation within the limitations of sampler size.  |          |        |          |        |         | _         |           |            |          |
| Ž                        | _     | _      |                                   |                             |                       |                |                            |                | nanual methods of the USCS system as practiced by Haley & Aldrich. In   | 1C.      |        | _        |        |         |           | _         | _          |          |

#### APPENDIX B

**Laboratory Data Summary Sheets** 



Haley & Aldrich, Inc. 150 Mineral Springs Drive Dover, NJ 07801

Attention: Ms. Sunila Gupta



STL Edison

777 New Durham Road Edison, NJ 08817

Tel: 732-549-3900 Fax: 732-549-3679 www.stl-inc.com

## Laboratory Results Job No. V468 - Hexcel

Dear Ms. Gupta:

Enclosed are the results you requested for the following sample(s) received at our laboratory on April 16, 2002.

| ,              |             |                                     |
|----------------|-------------|-------------------------------------|
| <u>Lab No.</u> | Client ID   | Analysis Required                   |
| 344340         | MW14        | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344341         | MW28        | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344342         | MW10        | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344343         | CW12        | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344344         | CW10        | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344345         | MW8         | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344346         | Field-Blank | PPBNA+25w/Benzaldehyde<br>PP Metals |
| 344347         | MW14-Diss   | PP Metals                           |
| 344348         | MW28-Diss   | PP Metals                           |
| 344349         | MW10-Diss   | PP Metals                           |





#### STL Edison

777 New Durham Road Edison, NJ 08817

Tel: 732-549-3900 Fax: 732-549-3679 www.stl-inc.com

## Laboratory Results Job No. V468 - Hexcel (cont'd)

| <u>Lab No.</u> | Client ID        | Analysis Required |
|----------------|------------------|-------------------|
| 344350         | CW12-Diss        | PP Metals         |
| 344351         | CW10-Diss        | PP Metals         |
| 344352         | MW8-Diss         | PP Metals         |
| 344353         | Field-Blank-Diss | PP Metals         |

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Deanna Doster, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban Laboratory Manager



## STL EDISON

Field Services SJO

777 New Durham Road Edison, New Jersey 08817

### **CHAIN OF CUSTODY / ANALYSIS REQUEST**

| Phone: (132) 349-3900 Fax: (132) 349-367               | 9  |                         |              |           |           |              |           |                   |               |          |              |                  |          |        |          |        | AGE OF                               | _                                      |
|--|--|-------------------------|--------------|-----------|-----------|--------------|-----------|-------------------|---------------|----------|--------------|------------------|----------|--------|----------|--------|--------------------------------------|--|
| Name ( for report and invoice )                        |  | Sample                  | rs Name      | (Printed) |           |              |           | Site/Pr           | roject l      | dentifi  | cation       |                  |          | /      |          |        |                                      | 1 6                                    |
| Sunita Gupta   |  | 1.1                     | Allowa       | 3V        | 1         | 009          | $\infty$  |                   |               |          |              | He               | <u> </u> | 2/_    |          | ·      |                                      | ] /                                    |
| Company Halen of Albrich                               |  | P.O. #                  |              | 1 '       |           | Ü            |           | State (<br>Regula |               |          |              | NJ: X            | 1_       | NY:    |          | Other  |                                      | ************************************** |
| Address  |  | Analysis                | Turnaround   | Time      |           | ANALY        | SIS REQU  | ESTED (E          | NTER X        | BELOW T  | LO INDIC     | ATE REQU         | EST)     |        |          | F      | LAB USE ONLŸ                         |  |
| 150 Mineral Springs                                    | $\Sigma$                                 | Standard                | , [X]        |           | Π         | $\neg \tau$  | r T       | *5                | $\mathcal{T}$ | T        | T            |                  | 1        | T      | Ţ        | 1      | Project No:                          | 4.2                                    |
|  | State                                    | 1                       | rges Authori | zed For:  | - [       | 1            | V (1      | 1                 | 1             | 1        | 1            | 1                |          | 1      | - [      | 1.     | 710114                               | * .                                    |
|  | 31-1635                                  | 2 Weel                  | =            |           |           | D) ·         | व्य       | 1.1               |               |          | 1            | <i>[</i> ]       | 1        | 1      | 1        | 1      | Job No:                              |  |
| Phone Fax 973-361-3600 973-                            | 761-2008                                 | 1 Weel                  | =            |           | H         | -            | 事         | ₹"                |               | <b>,</b> | <i>[</i>     | l 1              | ,        | 1      | 1        | 1 -    | V468                                 | ł                                      |
| 9.7.5-10-1000 7.15                                     | -201-2100                                | Oute                    |              | No. of.   | 13        | 到空           | Dissolves | 1 1               |               |          |              | ' 1              |          | '      |          |        | Sample                               | Diers<br>344347                        |
| Sample Identification                                  | Date                                     | Time                    | Matrix       | Cont.     | 1         | 7 F          | 12        |                   |               |          | $\downarrow$ |                  |          |        |          |        | Numbers                              | 244 347                                |
| MW 14  | 4-16-0:                                  | 29:37                   | Ag           | 431       | X         | X            | X         |                   |               |          |              |                  | $\perp$  |        |          |        | 344340                               | 344577                                 |
| M10(28   |  | 10:35                   |              | 1231      | $\propto$ | 15           | X         |                   |               |          |              |                  |          |        |          | 7      | 344341                               | 344348                                 |
| MNIB   |  | 11:31                   |              | 131       | $\times$  | $\mathbb{X}$ | X         |                   |               |          |              |                  |          |        |          |        | 344342                               | 344349                                 |
| CNIZ   |  | 12:49                   |              | 131       | $\times$  | X            | X         |                   |               |          |              |                  |          |        |          |        | 344343                               | 344350                                 |
| CWIG   |  | 13:29                   |              | 231       | X         | X            | X         |                   |               |          |              |                  |          |        |          |        | 344344                               | 344351                                 |
| MNS  |  | 14:30                   | V            | 231       | X         | X            | X         | 1                 |               |          |              |                  |          |        |          |        | 344345                               | 344352                                 |
| Field Blank  | V  | 13:05                   | V            | 231       | X         | X            | X         |                   |               |          |              |                  |          |        |          |        | 344346                               | 344353                                 |
|  |  |                         |              | ES        | ,         |              |           |                   |               |          |              |                  |          |        |          |        | -                                    | 1                                      |
|  |  |                         |              |           |           |              |           |                   |               |          |              |                  |          |        |          |        |                                      |  |
|  |  |                         |              |           |           |              |           |                   |               |          |              |                  |          |        |          |        |                                      | 1                                      |
| Preservation Used: 1 = ICE, 2 = HCl, 3 =               | H <sub>2</sub> SO <sub>4</sub> , 4 = HNC | ) <sub>3</sub> , 5 = Na | ЮН           | Soil:     |           | Ī            | ]         |                   | T             |          |              |                  | T        |        |          |        | <u> بوهینهٔ دسی ان جب از دستان د</u> | 1                                      |
|  |  |                         |              | Water:    |           |              |           |                   |               |          |              |                  | $\neg$   |        |          |        | ·                                    |  |
| 6 = Other  (F) And Bonyallhou 11  Special Instructions | C's on pe s                              | · Cropf                 | 119/12       | ¥ 0°      | ρp        | lut          | Ju y      | /12/              | 'n            |          |              | Wate             | r Me     | tais F | iltered  | i (Yes | /No)?                                | <u>.</u>                               |
| Relinquished by  | Company                                  |                         | Da           | te / Time |           | Rece         | ived by   | ,                 | /             |          | X            | c                | ompa     | ny     |          | ~      |                                      | 1                                      |
| 1xaron Aldonsays                                       | 512-00                                   | 10                      | 4-16         | 02 10     | 20        | 11)          | ar        | <u> </u>          | Yu            | ~_/      | $\Delta$     |                  |          |        | <u> </u> |        | <del></del>                          |  |
| Relinquished by  | Company                                  |                         | Da           | te / Time |           | Recei        | ved by    | '                 | //            | 70       | 12           | <sup>-2</sup>  C | ompa     |        |          |        |                                      |  |
| When Vera St   | STC                                      |                         | 4-160        | 14/2      | <u>57</u> | 2)           | +         | ار رب             |               | X        | 7            | - (              |          | ,      | 577      | _      |                                      |  |
| Relinquished by  | Company                                  |                         | Da           | te / Time |           | Recei        | ved by    |                   |               | /        |              | C                | ompa     | ny     |          |        |                                      | 1                                      |
| 3)   |  |                         |              |           |           | 3)           |           |                   |               |          |              |                  |          |        |          |        |                                      |  |
| Relinquished by C                                      | Company                                  |                         | Da           | te / Time |           | Recei        | ved by    | '                 |               |          |              | C                | ompa     | ny     |          |        |                                      | 1                                      |
| 4)   |  |                         |              |           |           | 4)           |           |                   |               |          |              |                  |          |        |          |        |                                      |  |
| Laboratory Certifications: New Jerse                   | ey (12028), N                            | ew York                 | (11452),     | Penr      | sylv      | ania (       | 38-522    | 2), (             | Conne         | cticut   | (PH-         | 0200),           | F        | Rhode  | e Isla   | nd (1  | 32).                                 | -                                      |

Client: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Monitoring Well I.D.: MVV14

Depth to Water From TOC (ft.): 11.49

Purge Times (on/off): 9:01-9:34AM

Total Well Depth (fl.): 15.51

. " Ритр Depth (ft.): 13.41

Total Vol. Purged (L): 7.9

Screen Interval (ft.): 9.00

Purge Method: Bladder pump

Sample Time: 9:37

Field Measurements / Readings During Purce

|      |                        |         |          |                      | ments / Keadu |                            |                      |                         |          |
|------|------------------------|---------|----------|----------------------|---------------|----------------------------|----------------------|-------------------------|----------|
| Time | Purge Rate<br>(Vinin.) | pH (su) | Temp(°C) | Corid,<br>funbos/cm) | D'O (ppm)     | Retox<br>Potential<br>(mV) | TVII-bilis)<br>(NTÜ) | Depth to<br>Water (ff.) | Cgaments |
| 9:04 | 0.24                   | 6.57    | 14.2     | 163                  | 5.05          | 208                        | 14.30                | 11.67                   |          |
| 9:07 | 0.24                   | 6.12    | 13.1     | 155                  | 4.76          | 230                        | 13,60                | 11.78                   |          |
| 9:10 | 0.24                   | 5.83    | 12.7     | 150                  | 4.64          | 229                        | 12.60                | 11.90                   |          |
| 9:13 | 0.24                   | 5.65    | 12.6     | 148                  | 4.47          | 229                        | 10,40                | 11,96                   |          |
| 9:16 | 0.24                   | 5.56    | 12.6     | 147                  | 4.37          | 231                        | 8.97                 | 12.02                   |          |
| 9:19 | 0,24                   | 5,49    | 12.7     | 146                  | 4.29          | 231                        | 8.77                 | 12.07                   |          |
| 9:22 | 0.24                   | 5.47    | 12.6     | 145                  | 4.22          | 232                        | 6.39                 | 12.16                   |          |
| 9:25 | 0.24                   | 5.37    | 12.7     | 144                  | 4.16          | 234                        | 6,16                 | 12.22                   |          |
| 9:28 | 0.24                   | 5.34    | 12.7     | 143                  | 4.05          | 234                        | 4.96                 | 12.31                   |          |
| 9:31 | 0.24                   | 5.32    | 12.7     | 142                  | 4.00          | 234                        | 4.82                 | 12.33                   |          |
| 9:34 | 0.24                   | 5.32    | 12.7     | 141                  | 3.95          | 232                        | 4.68                 | 12.41                   |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |
|      |                        |         |          |                      |               |                            |                      |                         |          |

Client: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Monitoring Well I.D.: MW28

Depth to Water From TOC (tt.): 10.55

Purge Times(on/off): 10:09-10:33AM

Intal Well Oppti (ft.): 14.86

Ритр Феркі (ft.): (26)

Total Vel. Purged (Lje 6.2

Screen Interval (ft.): 10.00

Purge Method: Bladder pump

Sample Time: 10:35

Field Measurements / Readings During Purge

|       |            |         |          |             | menra / vesum |       | p-               |             |           |
|-------|------------|---------|----------|-------------|---------------|-------|------------------|-------------|-----------|
|       | Outer Date |         |          | .Cond.      | p.g. (ppm)    | Redox | Land Go          |             | Comarents |
| Fime  | (Vasin.)   | pH (su) | temp("C) | (unlinatem) | D.O. (ppp)    | (mV)  | forbiry<br>(NTU) | Water (ft.) | Comments  |
| 10:12 | 0.26       | 5.77    | 17.1     | 798         | 0.98          | -102  | 6.19             | 10.64       |           |
| 10:15 | 0.26       | 5.69    | 15.9     | 818         | 0.61          | -124  | 5.19             | 10.70       |           |
| 10:1B | 0.26       | 5,73    | 15,6     | 817         | 0.47          | -130  | 4.06             | 10.71       |           |
| 10:21 | 0.26       | 5.77    | 15.7     | 813         | 0.46          | -131  | 5.28             | 10.70       |           |
| 10:24 | 0,26       | 5.79    | 15,5     | 811         | 0.40          | -134  | 3.90             | 10.70       |           |
| 10:27 | 0.26       | 5.81    | 15.5     | 808         | 0.35          | -136  | 3.63             | 10.70       |           |
| 10:30 | 0.26       | 5.83    | 15.5     | 805         | 0.34          | -136  | 3.64             | 10.70       |           |
| 10:33 | 0.26       | 5.84    | 15.5     | 803         | 0.32          | -137  | 3.91             | 10.71       |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |
|       |            |         |          |             |               |       |                  |             |           |

Cilent: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Monitoring Well I.D.: MW10

Monitoring Well I.D.: MW10 Depth to Water From TOC (ft.): 12.61 Purge Times (on/off): 11:05-11:29AM
Titles Well Depth (ft.): \$1.701 Purp Cepts (ft.): 13.61 Facility (ft.): \$1.701 Purp Cepts (ft.): 13.61 Facility (ft.): \$1.701 Purp Cepts (ft.): 13.61 Purp Cepts (ft.): 13 Depth to Water From TOC (ft.): 12.61

Screen Interval (ft.): 11.00

Purge Method: Biadder pump

Sample Time: 11:31

|        | Field Measurements / Readings During Purge    Firgures   Firefit |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|--------|--|----------|----------|------------|-----------|---------------------------------------|--------|-----------|------------|--|--|--|--|--|--|
|        |  |          |          |            |           | i i i i i i i i i i i i i i i i i i i |        |           |            |  |  |  |  |  |  |
| l p    | arga Resta   |          |          | Cond       |           | <b>Properties</b>                     | Tankty | Deptita   |            |  |  |  |  |  |  |
| Tions. | Value :  | při (BO) | Tempt Cr | (untrovend | O.O. form | (Vota                                 | arroj  | Manaketti | Continueta |  |  |  |  |  |  |
| 11:08  | 0.20   | 6.44     | 19.5     | 1423       | 1.28      | -68                                   | 1270   | 12.84     |            |  |  |  |  |  |  |
| 11:11  | 0,20   | 6.43     | 17.6     | 1427       | 0.79      | -75                                   | 13.60  | 12.95     |            |  |  |  |  |  |  |
| 11:14  | 0.20   | 6.40     | 16.8     | 1418       | 0.60      | -79                                   | 8.90   | 13.03     |            |  |  |  |  |  |  |
| 11:17  | 0.20   | 6.39     | 16.5     | 1410       | 0.51      | -83                                   | 5.71   | 13,06     |            |  |  |  |  |  |  |
| 11:20  | 0.20   | 6.40     | 16.5     | 1405       | 0.50      | <b>-8</b> 5                           | 4.82   | 13.10     |            |  |  |  |  |  |  |
| 11;23  | 0,20   | 6.40     | 16.2     | 1397       | 0.46      | -87                                   | 3.79   | 13.11     |            |  |  |  |  |  |  |
| 11:26  | 0,20   | 6.39     | 16.2     | 1474       | 0.42      | -89                                   | 3,58   | 13.11     |            |  |  |  |  |  |  |
| 11:29  | 0.20   | 6.39     | 16.4     | 1471       | 0.42      | -93                                   | 3.74   | 13.11     |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          | !        |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        | ,         |            |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           | -          |  |  |  |  |  |  |
|        |  |          |          |            |           |                                       |        |           |            |  |  |  |  |  |  |

# 882010033

#### Table Summary of Field Sampling Measurements and Data (Low Flow Sampling Method)

Client: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Monitoring Well I.D.: CW12

Depth to Water From TOC (ft.): 6.64

Purge Times(on/off): 12:09-12:45PM

Total Well Depth (ft.): 19 88 Screen Interval (ft.): 5,00

Pulnp Dhpih (ft.)։ 40 26 Purge Method: Bladder pump Total Val. Purged (L): 6.5 Sample Time: 12:48

|          |                        |         |          | Field Measure         | entents / Readi | ngs Daring Put             | ge              |                        |          |
|----------|------------------------|---------|----------|-----------------------|-----------------|----------------------------|-----------------|------------------------|----------|
| Time     | Purga Rata<br>(Vinin.) | pH (su) | Teap(°C) | Corld.<br>(Unitra/cm) | D.O. (ppm)      | Redox<br>Palentiil<br>(mV) | Tarbuy<br>(NTU) | Dapih (a<br>Water (K.) | Conments |
| 12:12    | 0.18                   | 6.91    | 18.3     | 367                   | 2.69            | 2                          | 16.30           | 7.04                   |          |
| 12:15    | 0.18                   | 6.73    | 17.5     | 357                   | 2.49            | 0                          | 12.90           | 7.20                   |          |
| 12:18    | 0.18                   | 6.52    | 16.8     | 346                   | 2.27            | -2                         | 10.90           | 7.20                   |          |
| 12:21    | 0.18                   | 6.44    | 16.5     | 348                   | 2.09            | -6                         | 11.00           | 7.20                   |          |
| 12:24    | 0,18                   | 6.41    | 16.4     | <b>3</b> 55           | 1_88            | -13                        | 9.46            | 7.21                   |          |
| 12:27    | 0.18                   | 6,35    | 16.2     | 370                   | 1.59            | -22                        | 9.59            | 7.21                   |          |
| 12:30    | 0.18                   | 6,33    | 16.0     | 384                   | 1.52            | -26                        | 8.06            | 7.21                   |          |
| 12:33    | 0.18                   | 6.29    | 16.1     | 399                   | 1.43            | -31                        | 8.18            | 7.20                   |          |
| 12:36    | 0.18                   | 6.30    | 16.1     | 413                   | 1.34            | -33                        | 7.85            | 7.20                   |          |
| 12:39    | 0.18                   | 6.25    | 16.0     | 441                   | 1.17            | -37                        | 7.36            | 7.21                   |          |
| 12:42    | 0.18                   | 6.27    | 16.0     | 462                   | 1.11            | -38                        | 7.59            | 7.21                   |          |
| 12:45    | 0.18                   | 6.22    | 16.0     | 480                   | 1.07            | -40                        | 7.40            | 7.21                   |          |
| <u> </u> |                        |         |          |                       |                 |                            |                 |                        |          |
|          |                        |         |          |                       |                 |                            |                 |                        |          |
|          |                        |         |          |                       |                 |                            |                 |                        |          |
|          |                        |         | 1        |                       |                 | <u> </u>                   |                 |                        |          |

Client: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Monitoring Well I.D.: CW10

Depth to Water From TOC (ft.): 6.99

Purge Times(on/off): 13:13-13:28PM

Total Well Depth (ft.): 10.20

Pump Depth (ft.): 659

Tratal Vol.: Purped (L): '40

Screen interval (fl.): 5.00

Purge Method: Bladder pump

Sample Time: 13:29

| Field Measurements / Rendings During Purge |            |  |           |                         |             |                    |                  |             |            |
|--|------------|--|-----------|-------------------------|-------------|--------------------|------------------|-------------|------------|
| Time                                       | Pärge Refe | -NG-   | Toma (* 8 | Conti<br>(uniteds/cita) | d () (ap.al | Redox<br>Potential | Torbity<br>Notes | Depth 10    | Columents  |
| 13:16                                      | 0.27       | 6,90   | 1B.00     | 228                     | 6.65        | 94                 | 6.19             | 7,23        | Comment II |
| 13:19                                      | 0.27       | 6.62   | 16.80     | 222                     | 6.80        | 98                 | 4.78             | 7.41        |            |
|  |            |  |           |                         |             | 111                |                  |             |            |
| 13:22                                      | 0.27       | 6.45   | 15.90     | 214                     | 6.89        |                    | 3,41             | 7.69        |            |
| 13:25                                      | 0.27       | 6.37   | 15.60     | 211                     | 6,94        | 117                | 3.23             | 7.81        |            |
| 13:28                                      | 0.27       | 6.36   | 15,30     | 209                     | 6.94        | 122                | 3.20             | 7.85        |            |
|  |            |  |           |                         |             |                    |                  |             |            |
|  |            |  |           |                         |             |                    |                  |             |            |
|  |            |  |           |                         |             |                    |                  |             |            |
|  |            | · · · · <del>- · · · · · · · · · · · · · · ·</del> |           |                         | <del></del> |                    |                  |             |            |
|  |            | ļ  |           | <del> </del>            | ·           | -                  | <u> </u>         |             |            |
|  |            |  |           |                         |             | <del> </del>       | † ·              |             |            |
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|  |            |  |           |                         |             |                    |                  | <u> </u>    |            |
| <u> </u>                                   |            |  |           |                         |             |                    |                  |             |            |
|  |            |  |           |                         |             | T .                |                  |             |            |
|  |            |  |           |                         |             |                    |                  |             |            |

Client: Haley & Aldrich

Date: 4/16/02

Job: V468

Project: Hexcel

Weather: Sunny, high 89 °F

Depth to Water From TOC (ft.): 2.19 Purge Times(on/off): 9:05-10:02AM

Total Vell Credit (ft.): 12 Folia (off Vell and Purge Mathod: Riadder retree

| Figure   F | Kield Measurements / Readings During Purge |              |      |      |                 |                  |           |         |            |          |
|--|--|--------------|------|------|-----------------|------------------|-----------|---------|------------|----------|
| 14:01     0.18     6.05     19.6     847     1.03     -36     6.78     12.20       14:04     0.18     6.03     16.9     846     0.62     -44     6.04     12.22       14:07     0.18     6.07     16.0     848     0.49     -50     5.71     12.23       14:10     0.18     6.09     16.0     851     0.48     -55     5.92     12.23       14:13     0.18     6.09     15.8     854     0.45     -57     5.64     12.26       14:16     0.18     6.10     15.8     860     0.42     -62     5.58     12.27       14:19     0.18     6.11     15.9     867     0.39     -62     5.28     12.28       14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     880     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.35  |  |              |      |      |                 |                  | Flex 6X   |         |            |          |
| 14:01     0.18     6.05     19.6     847     1.03     -36     6.78     12.20       14:04     0.18     6.03     16.9     846     0.62     -44     6.04     12.22       14:07     0.18     6.07     16.0     848     0.49     -50     5.71     12.23       14:10     0.18     6.09     18.0     851     0.48     -55     5.92     12.23       14:13     0.18     6.09     15.8     854     0.45     -57     5.64     12.26       14:18     0.18     6.10     15.8     860     0.42     -62     5.58     12.27       14:19     0.18     6.11     15.9     867     0.39     -62     5.28     12.28       14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     860     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.36  |  | Fletau Flate |      |      | South Harry     |                  | Potential | Tarbity | Clariti (d |          |
| 14:01     0.18     6.05     19.6     847     1.03     -36     6.78     12.20       14:04     0.18     6.03     16.9     846     0.62     -44     6.04     12.22       14:07     0.18     6.07     16.0     848     0.49     -50     5.71     12.23       14:10     0.18     6.09     18.0     851     0.48     -55     5.92     12.23       14:13     0.18     6.09     15.8     854     0.45     -57     5.64     12.26       14:18     0.18     6.10     15.8     860     0.42     -62     5.58     12.27       14:19     0.18     6.11     15.9     867     0.39     -62     5.28     12.28       14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     860     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.36  | Tren                                       | (min)        |      |      | Langue de la la | Section (charge) | 1009      | (0.0)   |            | Comments |
| 14:07         0.18         6.07         16.0         848         0.49         -50         5.71         12.23           14:10         0.18         6.09         18.0         851         0.48         -55         5.92         12.23           14:13         0.18         6.09         15.8         854         0.45         -57         5.64         12.26           14:18         0.18         6.10         15.8         860         0.42         -62         5.58         12.27           14:19         0.18         6.11         15.9         867         0.39         -62         5.28         12.28           14:22         0.18         6.12         15.9         870         0.37         -68         5.48         12.29           14:25         0.18         6.14         15.9         860         0.33         -73         5.22         12.34           14:28         0.18         6.14         15.8         883         0.32         -75         5.47         12.36  |  | 0.18         | 6.05 |      | 847             |                  | -36       |         |            |          |
| 14:10     0.18     6,09     18.0     851     0.48     -55     5,92     12.23       14:13     0.18     6,09     15.8     854     0.45     -57     5,64     12.26       14:18     0.18     6,10     15.8     860     0.42     -62     5,58     12.27       14:19     0.18     6,11     15.9     867     0.39     -62     5,28     12.28       14:22     0.18     6,12     15.9     870     0.37     -68     5,48     12.29       14:25     0.18     6,14     15.9     880     0.33     -73     5,22     12,34       14:28     0.18     6,14     15.8     883     0,32     -75     5,47     12.36   | 14:04                                      | 0.18         | 6.03 | 16,9 | 846             | 0.62             | -44       | 6,04    | 12.22      |          |
| 14:13         0.18         6.09         15.8         854         0.45         -57         5.64         12.26           14:18         0.18         6.10         15.8         860         0.42         -62         5.58         12.27           14:19         0.18         6.11         15.9         867         0.39         -62         5.28         12.28           14:22         0.18         6.12         15.9         870         0.37         -68         5.48         12.29           14:25         0.18         6.14         15.9         880         0.33         -73         5.22         12.34           14:28         0.18         6.14         15.8         883         0.32         -75         5.47         12.36  | 14:07                                      | 0.18         | 6.07 | 16.0 | 848             | 0.49             | -50       | 5.71    | 12.23      |          |
| 14:18     0.18     6.10     15.8     860     0.42     -62     5.58     12.27       14:19     0.18     6.11     15.9     867     0.39     -62     5.28     12.28       14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     880     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.36   | 14:10                                      | 0.18         | 6.09 | 16.0 | 851             | 0.48             | -55       | 5.92    | 12.23      |          |
| 14:19     0.18     6.11     15.9     867     0.39     -62     5.28     12.28       14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     880     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.36  | 14:13                                      | 0.18         | 6.09 | 15.8 | 854             | 0,45             | -57       | 5.64    | 12.26      |          |
| 14:22     0.18     6.12     15.9     870     0.37     -68     5.48     12.29       14:25     0.18     6.14     15.9     880     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.36   | 14:18                                      | 0.18         | 6.10 | 15.8 | 860             | 0.42             | -62       | 5.58    | 12.27      |          |
| 14:25     0.18     6.14     15.9     880     0.33     -73     5.22     12.34       14:28     0.18     6.14     15.8     883     0.32     -75     5.47     12.35  | 14:19                                      | 0.18         | 6.11 | 15.9 | 867             | 0.39             | -62       | 5.28    | 12,28      |          |
| 14:28 0.18 6.14 15.8 883 0.32 -75 5.47 12:35   | 14:22                                      | 0.18         | 6.12 | 15,9 | 870             | 0.37             | -68       | 5.48    | 12,29      |          |
|  | 14:25                                      | 0.18         | 6.14 | 15.9 | 860             | 0.33             | -73       | 5.22    | 12.34      |          |
| 14:31     0.18     6.17     15.7     890     0.31     -79     5.46     12.36   | 14:28                                      | 0.18         | 6.14 | 15.8 | 883             | 0.32             | -75       | 5.47    | 12.35      |          |
|  | 14:31                                      | 0.18         | 6,17 | 15.7 | 890             | 0.31             | -79       | 5.46    | 12,36      |          |
|  |  |              |      |      |                 |                  |           |         |            |          |
|  |  |              |      |      |                 |                  |           | {       |            |          |
|  |  |              |      |      |                 |                  |           |         |            |          |
|  |  |              |      |      |                 |                  |           |         |            |          |
|  |  |              |      |      |                 |                  |           |         |            |          |
|  |  |              |      |      |                 |                  | †         | 1       |            |          |

Client ID: MW14 Site: Hexcel

Lab Sample No: 344340 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10520.d

Dilution Factor: 1.0

#### SEMI-VOLATILE ORGANICS - GC/MS METHOD 625

| <u>Parameter</u>                           | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|--|--------------------------------------|---|
| Phenol<br>2-Chlorophenol<br>2-Nitrophenol  | ND<br>ND<br>ND                       | 0.3<br>1.4<br>1.2                               |
| 2,4-Dimethylphenol                         | ND                                   | 1.5   |
| 2,4-Dichlorophenol                         | ND                                   | 2.1   |
| 4-Chloro-3-methylphenol                    | ND                                   | 2.0   |
| 2,4,6-Trichlorophenol                      | ND                                   | 1.6   |
| 2,4-Dinitrophenol                          | ND                                   | 0.4   |
| 4-Nitrophenol                              | ND                                   | 0.8   |
| 4,6-Dinitro-2-methylphenol                 | ND                                   | 1.3   |
| Pentachlorophenol                          | ND                                   | 1.2   |
| N-Nitrosodimethylamine                     | ND                                   | 0.6   |
| bis (2-Chloroethyl) ether                  | ND                                   | 0.6   |
| 1,3-Dichlorobenzene<br>1,4-Dichlorobenzene | ND<br>ND                             | 0.8   |
| 1,2-Dichlorobenzene                        | ND<br>ND                             | 0.8<br>0.8                                      |
| bis(2-chloroisopropyl)ether                | ND                                   | 0.5   |
| N-Nitroso-di-n-propylamine                 | ND<br>ND                             | 1.2   |
| Hexachloroethane                           | ND                                   | 0.9   |
| Nitrobenzene                               | ND                                   | 0.8   |
| Isophorone                                 | ND                                   | 0.2   |
| bis(2-Chloroethoxy)methane                 | ND                                   | 0.6   |
| 1,2,4-Trichlorobenzene                     | ND                                   | 0.8   |
| Naphthalene                                | ND                                   | 0.6   |
| Hexachlorobutadiene                        | ND                                   | 1.1   |
| Hexachlorocyclopentadiene                  | ND                                   | 1.7   |
| 2-Chloronaphthalene                        | ND                                   | 0.8   |
| Dimethylphthalate<br>Acenaphthylene        | ND<br>ND                             | 0.5   |
| 2,6-Dinitrotoluene                         | ND                                   | 0.6<br>0.4                                      |
| Acenaphthene                               | ND<br>ND                             | 0.4   |
| 2,4-Dinitrotoluene                         | ND                                   | 0.0   |
| Diethylphthalate                           | ND                                   | 0.4   |
| 4-Chlorophenyl-phenylether                 | ND                                   | 0.8   |

Lab Sample No: 344340 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

Date Extracted: 04/16/02
Date Extracted: 04/20/02
Date Analyzed: 04/27/02
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: 10520.d

| <u>Parameter</u>           | Analytical Result<br><u>Units: ug/l</u> | Method Detectic<br>Limit<br><u>Units: ug/l</u> |
|----------------------------|---|--|
| Fluorene                   | ND                                      | 0.6  |
| N-Nitrosodiphenylamine     | <b>N</b> D                              | 0.5  |
| 4-Bromophenyl-phenylether  | ND                                      | 1.9  |
| Hexachlorobenzene          | ND                                      | 1.1  |
| Phenanthrene               | ND                                      | 0.5  |
| Anthracene                 | ND                                      | 0.4  |
| Di-n-butylphthalate        | ND                                      | 0.4  |
| Fluoranthene               | ND                                      | 0.4  |
| Pyrene                     | ND                                      | 0.4  |
| Benzidine                  | ND                                      | 25   |
| Butylbenzylphthalate       | ND                                      | 0.4  |
| 3,3'-Dichlorobenzidine     | ND                                      | 1.3  |
| Benzo(a) anthracene        | ND                                      | 0.4  |
| Chrysene                   | ND                                      | 0.5  |
| bis(2-Ethylhexyl)phthalate | 1.2B                                    | 0.4  |
| Di-n-octylphthalate        | ND                                      | 0.1  |
| Benzo(b) fluoranthene      | ND                                      | 0.3  |
| Benzo(k) fluoranthene      | ND                                      | 0.8  |
| Benzo(a)pyrene             | ND                                      | 0.2  |
| Indeno(1,2,3-cd)pyrene     | ND                                      | 0.1  |
| Dibenz(a,h)anthracene      | ND                                      | 0.6  |
| Benzo(g,h,i)perylene       | ND                                      | 0.4  |
| Benzaldehyde               | ND                                      | 0.9  |

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10520.d

Lab Sample No: 344340

Lab Job No: V468

Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME                               | RT | EST. CONC.<br>ug/1 | Q |
|---|----|--------------------|---|
| 1NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND 2 |    |                    |   |
| 5 .<br>6                                    |    |                    |   |
| 7.<br>8.<br>9.                              |    |                    |   |
| 12.<br>13.<br>14.                           |    |                    |   |
| 16.<br>17.                                  |    |                    |   |
| 18.<br>19.<br>20.<br>21.                    |    |                    |   |
| 23.<br>24.<br>25.                           |    |                    |   |
| 26.<br>27.<br>28.<br>29.                    |    |                    |   |
| 30.   |    |                    |   |

| 0.0 | CONCENTRATION | ESTIMATED | LATO |
|-----|---------------|-----------|------|
|     |               |           |      |

Lab Sample No: 344341 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Matrix: WATER

Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10533.d

Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| Parameter  | Analytical Result<br>Units: ug/l              | Method Detection<br>Limit<br><u>Units: ug/l</u>  |
|--|---|--|
| Phenol 2-Chlorophenol 2-Nitrophenol 2,4-Dimethylphenol 2,4-Dichlorophenol 4-Chloro-3-methylphenol 2,4,6-Trichlorophenol 2,4-Dinitrophenol 4-Nitrophenol 4,6-Dinitro-2-methylphenol Pentachlorophenol N-Nitrosodimethylamine bis(2-Chloroethyl)ether 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene bis(2-chloroisopropyl)ether N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone bis(2-Chloroethoxy)methane 1,2,4-Trichlorobenzene Naphthalene Hexachlorocyclopentadiene 2-Chloronaphthalene Dimethylphthalate Acenaphthylene 2,6-Dinitrotoluene Acenaphthene | ND 2.6 ND ND ND ND ND ND ND ND ND ND ND ND ND | Units: ug/I  0.3 1.4 1.2 1.5 2.1 2.0 1.6 0.4 0.8 1.3 1.2 0.6 0.6 0.8 0.8 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 |
| 2,4-Dinitrotoluene<br>Diethylphthalate<br>4-Chlorophenyl-phenylether   | ND<br>ND<br>ND                                | 0.3<br>0.4<br>0.8  |

Lab Sample No: 344341 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

Matrix: WATER Level: LOW Sample Volume: 990 ml Extract Final Volume: 2.0 ml

GC Column: DB-5
Instrument ID: BNAMS7.i

Dilution Factor: 1.0

Lab File ID: 10533.d

| <u>Parameter</u>  | Analytical Result <u>Units: ug/l</u>  | Method Detection<br>Limit<br><u>Units: uq/l</u>  |
|---|---|--|
| Fluorene N-Nitrosodiphenylamine 4-Bromophenyl-phenylether Hexachlorobenzene Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pyrene Benzidine Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a) anthracene Chrysene bis(2-Ethylhexyl)phthalate Di-n-octylphthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene Benzaldehyde | ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>N | 0.6<br>0.5<br>1.9<br>1.5<br>0.4<br>0.4<br>0.4<br>0.4<br>0.4<br>0.5<br>0.4<br>0.5<br>0.1<br>0.3<br>0.2<br>0.1<br>0.4<br>0.4 |
| Delizatachyac   | ND  | 0.5  |

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

GC Column: DB-5
Instrument ID: BNAMS7.i Lab File ID: 10533.d

Lab Sample No: 344341 Lab Job No: V468

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME   | RT                               | EST. CONC.<br>ug/l                        | Q |
|---|----------------------------------|---|---|
| 1. Benzene, chloro- 2. 4-Toluenesulfonamide 3. Nonylphenol isomer 4. Unknown 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. | 10.10<br>19.50<br>19.75<br>20.86 | ug/1 ==================================== |   |
| 27.<br>28.<br>29.<br>30.  |                                  |   |   |

TOTAL ESTIMATED CONCENTRATION 474

Lab Sample No: 344342 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Level: LOW

Matrix: WATER

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10534.d

| Parameter  | Analytical Result <u>Units: ug/l</u>                                   | Method Detection<br>Limit<br><u>Units: ug/l</u>  |
|--|--|--|
| Phenol 2-Chlorophenol 2-Nitrophenol 2,4-Dimethylphenol 2,4-Dichlorophenol 4-Chloro-3-methylphenol 2,4,6-Trichlorophenol 2,4-Dinitrophenol 4-Nitrophenol 4,6-Dinitro-2-methylphenol Pentachlorophenol N-Nitrosodimethylamine bis(2-Chloroethyl)ether 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene bis(2-chloroisopropyl)ether N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone bis(2-Chloroethoxy)methane 1,2,4-Trichlorobenzene Naphthalene Hexachlorocyclopentadiene 2-Chloronaphthalene Dimethylphthalate Acenaphthylene 2,6-Dinitrotoluene Acenaphthene 2,4-Dinitrotoluene Diethylphthalate | 5.2<br>5.3<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND | 0.3<br>1.4<br>1.2<br>1.5<br>2.1<br>2.0<br>0.6<br>0.8<br>1.3<br>2.6<br>0.6<br>0.8<br>0.8<br>0.5<br>1.9<br>0.6<br>0.8<br>0.5<br>1.7<br>0.6<br>0.6<br>0.8<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6<br>0.6 |
| 4-Chlorophenyl-phenylether   | ND   | 0.8  |

Lab Sample No: 344342 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10534.d Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| <u>Parameter</u>  | Analytical Result <u>Units: ug/l</u>     | Method Detection<br>Limit<br><u>Units: ug/l</u>   |
|---|--|---|
| Fluorene N-Nitrosodiphenylamine 4-Bromophenyl-phenylether Hexachlorobenzene Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pyrene Benzidine Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a) anthracene Chrysene bis(2-Ethylhexyl) phthalate Di-n-octylphthalate Benzo(b) fluoranthene Benzo(k) fluoranthene Benzo(a) pyrene Indeno(1,2,3-cd) pyrene Dibenz(a,h) anthracene Benzo(g,h,i) perylene | ND ND ND ND ND ND ND ND ND ND ND ND ND N | 0.6<br>0.5<br>1.9<br>1.1<br>0.4<br>0.4<br>0.4<br>0.4<br>25<br>0.4<br>1.3<br>0.4<br>0.5<br>0.4<br>0.5<br>0.4<br>0.5<br>0.4 |
| Benzaldehyde  | 3.0                                      | 0.9   |

Lab Sample No: 344342 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Matrix: WATER Level: LOW

Date Analyzed: 04/27/02

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10534.d

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME   | RT  | EST. CONC.<br>ug/l  | Q |
|---|---|---|---|
| 1. Benzene, chloro- 2. Ethylmethylbenzene isomer 3. Benzene, propyl- 4. Unknown 5. Unknown 6. Unknown 7. 1H-Indene, 2,3-dihydro- 8. Benzene, (2-chloroethyl)- 9. Dimethylaniline isomer 10. Unknown 11. Chlorophenol isomer 12. Ethoxyaniline isomer 13. Dimethylbenzoic isomer 14. Benzene, 1,1'-methylenebis- 15. Dimethylaniline isomer 16. Unknown 17. Unknown 18. Unknown 19. Unknown 20. Unknown Alkyl Substituted Benzene 21. Ethanone, 2-(1-methylethoxy)-1,2-diphe 22. Unknown 23. Unknown 24. 25. 26. 27. 28. 29. | 10.14<br>11.64<br>12.14<br>12.74<br>12.78<br>12.94<br>13.37<br>14.31<br>14.96<br>15.11<br>15.16<br>16.17<br>16.66<br>17.61<br>17.86<br>18.18<br>19.28<br>19.45<br>20.65<br>20.72<br>20.84<br>21.13<br>26.25 | 940<br>15<br>19<br>30<br>20<br>35<br>16<br>10<br>190<br>160<br>15<br>60<br>11<br>8.7<br>70<br>14<br>8.1<br>11<br>32<br>37<br>11<br>75<br>89 |   |

TOTAL ESTIMATED CONCENTRATION 1877

Lab Sample No: 344343 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i

Matrix: WATER

Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

Lab File ID: 10523.d

|                              | Amalaská sa I. Bassalk | Method Detection |
|------------------------------|------------------------|------------------|
|                              | Analytical Result      | Limit            |
| <u>Parameter</u>             | <u>Units: uq/l</u>     | Units: ug/l      |
| Phenol                       | ND                     | 16               |
| 2-Chlorophenol               | ND                     | 71               |
|                              | ND                     | 61               |
| 2-Nitrophenol                | ND                     | 77               |
| 2,4-Dimethylphenol           |                        |                  |
| 2,4-Dichlorophenol           | ND                     | 110              |
| 4-Chloro-3-methylphenol      | ND                     | 100              |
| 2,4,6-Trichlorophenol        | ND                     | 82               |
| 2,4-Dinitrophenol            | ND                     | 19               |
| 4-Nitrophenol                | ND                     | 39               |
| 4,6-Dinitro-2-methylphenol   | ND                     | 64               |
| Pentachlorophenol            | ND                     | 58               |
| N-Nitrosodimethylamine       | ND                     | 31               |
| bis(2-Chloroethyl)ether      | ND                     | 30               |
| 1,3-Dichlorobenzene          | ND                     | 38               |
| 1,4-Dichlorobenzene          | ND                     | 40               |
| 1,2-Dichlorobenzene          | 250                    | 42               |
| bis(2-chloroisopropyl)ether  | ND                     | 25               |
| N-Nitroso-di-n-propylamine   | ND                     | 62               |
| Hexachloroethane             | ND                     | 43               |
| Nitrobenzene                 | ND                     | 38               |
| Isophorone                   | ND                     | 11               |
| bis (2-Chloroethoxy) methane | ND                     | 32               |
| 1,2,4-Trichlorobenzene       | ND                     | 38               |
| Naphthalene                  | ND                     | 32               |
| Hexachlorobutadiene          | ND                     | 58               |
| Hexachlorocyclopentadiene    | ND                     | 84               |
| 2-Chloronaphthalene          | ND                     | 40               |
| Dimethylphthalate            | ND                     | 27               |
| Acenaphthylene               | ND                     | 29               |
| 2,6-Dinitrotoluene           | ND                     | 20               |
| Acenaphthene                 | ND                     | 29               |
| 2,4-Dinitrotoluene           | ND                     | 13               |
| Diethylphthalate             | ND                     | 22               |
|                              | ND                     |                  |
| 4-Chlorophenyl-phenylether   | מא                     | 42               |

Lab Sample No: 344343 Lab Job No: V468

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10523.d

| Parameter                  | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: uq/l</u> |
|----------------------------|--------------------------------------|---|
| Fluorene                   | ND                                   | 31  |
| N-Nitrosodiphenylamine     | ND                                   | 26  |
| 4-Bromophenyl-phenylether  | ND                                   | 97  |
| Hexachlorobenzene          | ND                                   | 56  |
| Phenanthrene               | ND                                   | 25  |
| Anthracene                 | ND                                   | 21  |
| Di-n-butylphthalate        | ND                                   | 21  |
| Fluoranthene               | ND                                   | 21  |
| Pyrene                     | ND                                   | 21  |
| Benzidine                  | ND                                   | 1200  |
| Butylbenzylphthalate       | ND                                   | 20  |
| 3,3'-Dichlorobenzidine     | ND                                   | 66  |
| Benzo(a) anthracene        | ND                                   | 19  |
| Chrysene                   | ND                                   | 25  |
| bis(2-Ethylhexyl)phthalate | ND                                   | 22  |
| Di-n-octylphthalate        | ND                                   | 6.6   |
| Benzo(b) fluoranthene      | ND                                   | 14  |
| Benzo(k) fluoranthene      | ND                                   | 41  |
| Benzo(a) pyrene            | ND                                   | 7.6   |
| Indeno(1,2,3-cd)pyrene     | ND                                   | 7.1   |
| Dibenz (a, h) anthracene   | ND                                   | 32  |
| Benzo(g,h,i)perylene       | ND                                   | 18  |
| Benzaldehyde               | ND                                   | 44  |

Lab Sample No: 344343 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Level: LOW

Matrix: WATER

Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

Lab File ID: 10523.d

# SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME  | RT  | EST. CONC.<br>ug/l | Q |
|--|---|--------------------|---|
| 1. Toluene 2. Ethene, tetrachloro- 3. Benzene, chloro- 4. Aniline 5. Benzeneethanol 6. Unknown 7. Benzeneacetic acid 8. Unknown 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. | 7.58 8.95 10.09 12.48 14.30 15.09 15.62 22.39 | 1300               |   |
| 30.  |   |                    |   |

TOTAL ESTIMATED CONCENTRATION

39770

Client ID: CW10 Site: Hexcel

Lab Sample No: 344344 Lab Job No: V468

Date Sampled: 04/16/02
Date Received: 04/16/02
Date Extracted: 04/20/02
Date Analyzed: 04/27/02
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: 10535.d

Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml Dilution Factor: 1.0

| <u>Parameter</u>            | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|-----------------------------|---|---|
| Phenol                      | ND                                      | 0.3   |
| 2-Chlorophenol              | ND                                      | 1.4   |
| 2-Nitrophenol               | ND                                      | 1.2   |
| 2,4-Dimethylphenol          | ND                                      | 1.5   |
| 2,4-Dichlorophenol          | ND                                      | 2.1   |
| 4-Chloro-3-methylphenol     | ND                                      | 2.0   |
| 2,4,6-Trichlorophenol       | ND                                      | 1.6   |
| 2,4-Dinitrophenol           | ND                                      | 0.4   |
| 4-Nitrophenol               | ND                                      | 0.8   |
| 4,6-Dinitro-2-methylphenol  | ND                                      | 1.3   |
| Pentachlorophenol           | ND                                      | 1.2   |
| N-Nitrosodimethylamine      | ND                                      | 0.6   |
| bis(2-Chloroethyl)ether     | ND                                      | 0.6   |
| 1,3-Dichlorobenzene         | ND                                      | 0.8   |
| 1,4-Dichlorobenzene         | ND                                      | 0.8   |
| 1,2-Dichlorobenzene         | ND                                      | 0.8   |
| bis(2-chloroisopropyl)ether | ND                                      | 0.5   |
| N-Nitroso-di-n-propylamine  | ND                                      | 1.2   |
| Hexachloroethane            | ND                                      | 0.9   |
| Nitrobenzene                | ND                                      | 0.8   |
| Isophorone                  | ND                                      | 0.2   |
| bis(2-Chloroethoxy)methane  | ND                                      | 0.6   |
| 1,2,4-Trichlorobenzene      | ND                                      | 0.8   |
| Naphthalene                 | ND                                      | 0.6   |
| Hexachlorobutadiene         | ND                                      | 1.1   |
| Hexachlorocyclopentadiene   | ND                                      | 1.7   |
| 2-Chloronaphthalene         | ND                                      | 0.8   |
| Dimethylphthalate           | ND                                      | 0.5   |
| Acenaphthylene              | ND                                      | 0.6   |
| 2,6-Dinitrotoluene          | ND                                      | 0.4   |
| Acenaphthene                | ND                                      | 0.6   |
| 2,4-Dinitrotoluene          | ND                                      | 0.2   |
| Diethylphthalate            | ND                                      | 0.4   |
| 4-Chlorophenyl-phenylether  | ND                                      | 0.8   |

Client ID: CW10 Site: Hexcel

Lab Sample No: 344344 Lab Job No: V468

Date Sampled: 04/16/02
Date Received: 04/16/02
Date Extracted: 04/20/02
Date Analyzed: 04/27/02
GC Column: DB-5
Instrument ID: BNAMS7.i

Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

Lab File ID: 10535.d

| Parameter                  | Analytical Result <u>Units: uq/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|----------------------------|--------------------------------------|---|
| Fluorene                   | ND                                   | 0.6   |
| N-Nitrosodiphenylamine     | ND                                   | 0.5   |
| 4-Bromophenyl-phenylether  | ND                                   | 1.9   |
| Hexachlorobenzene          | ND                                   | 1.1   |
| Phenanthrene               | ND                                   | 0.5   |
| Anthracene                 | ИD                                   | 0.4   |
| Di-n-butylphthalate        | ND                                   | 0.4   |
| Fluoranthene               | ND                                   | 0.4   |
| Pyrene                     | ND                                   | 0.4   |
| Benzidine                  | ND                                   | 25  |
| Butylbenzylphthalate       | ND                                   | 0.4   |
| 3,3'-Dichlorobenzidine     | <b>N</b> D                           | 1.3   |
| Benzo(a) anthracene        | ND                                   | 0.4   |
| Chrysene                   | ND                                   | 0.5   |
| bis(2-Ethylhexyl)phthalate | 1.0B                                 | 0.4   |
| Di-n-octylphthalate        | ND                                   | 0.1   |
| Benzo(b)fluoranthene       | ИD                                   | 0.3   |
| Benzo(k)fluoranthene       | ND                                   | 0.8   |
| Benzo(a)pyrene             | ND                                   | 0.2   |
| Indeno(1,2,3-cd)pyrene     | ND                                   | 0.1   |
| Dibenz(a,h)anthracene      | ND                                   | 0.6   |
| Benzo(g,h,i)perylene       | ND                                   | 0.4   |
| Benzaldehyde               | ND                                   | 0.9   |

Client ID: CW10 Site: Hexcel

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: 10535.d

Lab Sample No: 344344 Lab Job No: V468

Matrix: WATER Level: LOW

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME     | RT    | EST. CONC. | Q |
|-------------------|-------|------------|---|
| 1. Unknown 2.     | 34.88 | 10         |   |
| 3 .<br>4 .<br>5 . |       |            |   |
| 7.<br>8.          |       |            |   |
| 9.<br>10.<br>11.  |       |            |   |
| 13                |       |            |   |
| 16.<br>17.        |       |            |   |
| 19                |       |            |   |
| 22.               |       |            |   |
| 25.<br>26.        |       |            |   |
| 28.<br>29.        |       |            |   |
| 30.               |       |            |   |

TOTAL ESTIMATED CONCENTRATION

10.0

Lab Sample No: 344345 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10536.d

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

| <u>Parameter</u>            | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|-----------------------------|--------------------------------------|---|
| Phenol                      | ND                                   | 16  |
| 2-Chlorophenol              | ND                                   | 71  |
| 2-Nitrophenol               | ND                                   | 61  |
| 2,4-Dimethylphenol          | ND                                   | 77  |
| 2,4-Dichlorophenol          | ND                                   | 110   |
| 4-Chloro-3-methylphenol     | ND                                   | 100   |
| 2,4,6-Trichlorophenol       | ND                                   | 82  |
| 2,4-Dinitrophenol           | ND                                   | 19  |
| 4-Nitrophenol               | ND                                   | 39  |
| 4,6-Dinitro-2-methylphenol  | ND                                   | 64  |
| Pentachlorophenol           | ND                                   | 58  |
| N-Nitrosodimethylamine      | ND                                   | 31  |
| bis(2-Chloroethyl)ether     | ND                                   | 30  |
| 1,3-Dichlorobenzene         | ND                                   | 38  |
| 1,4-Dichlorobenzene         | 230                                  | 40  |
| 1,2-Dichlorobenzene         | 3300                                 | 42  |
| bis(2-chloroisopropyl)ether | ND                                   | 25  |
| N-Nitroso-di-n-propylamine  | ND                                   | 62  |
| Hexachloroethane            | ND                                   | 43  |
| Nitrobenzene                | ND                                   | 38  |
| Isophorone                  | ND                                   | 11  |
| bis(2-Chloroethoxy) methane | ND                                   | 32  |
| 1,2,4-Trichlorobenzene      | ND                                   | 38  |
| Naphthalene                 | ND                                   | 32  |
| Hexachlorobutadiene         | ND                                   | 58  |
| Hexachlorocyclopentadiene   | ND                                   | 84  |
| 2-Chloronaphthalene         | ND                                   | 40  |
| Dimethylphthalate           | ND                                   | 27  |
| Acenaphthylene              | ND                                   | 29  |
| 2,6-Dinitrotoluene          | ND                                   | 20  |
| Acenaphthene                | ND                                   | 29  |
| 2,4-Dinitrotoluene          | ND                                   | 13  |
| Diethylphthalate            | ND                                   | 22  |
| 4-Chlorophenyl-phenylether  | ND                                   | 42  |

Lab Sample No: 344345 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Level: LOW

Matrix: WATER

Date Analyzed: 04/27/02 GC Column: DB-5

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

Instrument ID: BNAMS7.i Lab File ID: 10536.d

| <u>Parameter</u>           | Analytical Result<br>Units: ug/l | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|----------------------------|----------------------------------|---|
| Fluorene                   | ND                               | 31  |
| N-Nitrosodiphenylamine     | ND                               | 26  |
| 4-Bromophenyl-phenylether  | ND                               | 97  |
| Hexachlorobenzene          | ND                               | 56  |
| Phenanthrene               | ND                               | 25  |
| Anthracene                 | ND                               | 21  |
| Di-n-butylphthalate        | ND                               | 21  |
| Fluoranthene               | ND                               | 21  |
| Pyrene                     | ND                               | 21  |
| Benzidine                  | ND                               | 1200  |
| Butylbenzylphthalate       | ND                               | 20  |
| 3,3'-Dichlorobenzidine     | ND                               | 66  |
| Benzo(a) anthracene        | ND                               | 19  |
| Chrysene                   | ND                               | 25  |
| bis(2-Ethylhexyl)phthalate | ND                               | 22  |
| Di-n-octylphthalate        | ND                               | 6.6   |
| Benzo(b) fluoranthene      | ND                               | 14  |
| Benzo(k)fluoranthene       | ND                               | 41  |
| Benzo(a)pyrene             | ND                               | 7.6   |
| Indeno(1,2,3-cd)pyrene     | ND                               | 7.1   |
| Dibenz(a,h)anthracene      | ND                               | 32  |
| Benzo(g,h,i)perylene       | ND                               | 18  |
| Benzaldehyde               | ND                               | 44  |

Lab Sample No: 344345 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Matrix: WATER Level: LOW

Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10536.d

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 50.0

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME               | RT            | EST. CONC.                              | Q           |
|-----------------------------|---------------|---|-------------|
|                             | =======       | ======================================= | =====       |
| 1. Toluene                  | 7.61          | 920                                     |             |
| 2. Ethene, tetrachloro-     | 8.97          |   |             |
| 2. Beneau ablama            | 10.09         |   | ·           |
| 3. Benzene, chloro-         |               |   |             |
| 4. Benzeneethanol           | 14.32         |   |             |
| 5. Unknown                  | 15.10         | 920                                     |             |
| 6. Benzene, (2-bromoethyl)- | 15.30         | 13000                                   | . 1         |
| 7. Benzeneacetic acid       | 15.67         | 1600                                    |             |
| 8. Unknown                  | 22.39         | 1700                                    |             |
|                             |               |   |             |
| 9                           |               |   |             |
|                             | ļ             |   | ·           |
| 11.                         |               |   |             |
| 12.                         |               |   | l           |
| ( ***                       |               |   |             |
| 14.                         |               |   |             |
| 15.                         |               |   |             |
| 16.                         |               |   |             |
| 16.                         | ļ ——          |   |             |
| 17.                         |               |   |             |
| 10.                         | ļ <del></del> |   |             |
| ; ±2.                       |               |   | <del></del> |
| 1 20.                       |               |   |             |
| 1 21.                       |               |   | l i         |
| 1 22.                       |               |   |             |
|                             |               |   | ]}          |
| 24.                         |               |   |             |
| 1 23.                       |               |   |             |
| 26.<br>27                   |               |   |             |
| 27                          |               |   |             |
|                             |               |   |             |
| 201                         | ·             |   | [ ———       |
| 23.                         |               |   |             |
| 30.                         |               |   |             |
|                             | .             |   | l           |

TOTAL ESTIMATED CONCENTRATION

41120

Client ID: Field-Blank

Site: Hexcel

Lab Sample No: 344346 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02

GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10537.d

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| <u>Parameter</u>                              | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---|---|---|
| Phenol  | ND                                      | 0.3   |
| 2-Chlorophenol                                | ND                                      | 1.4   |
| 2-Nitrophenol                                 | ND                                      | 1.2   |
| 2,4-Dimethylphenol                            | ND                                      | 1.5   |
| 2,4-Dichlorophenol                            | ND<br>ND                                | 2.1<br>2.0                                      |
| 4-Chloro-3-methylphenol 2,4,6-Trichlorophenol | ND<br>ND                                | 1.6   |
| 2,4-Dinitrophenol                             | ND<br>ND                                | 0.4   |
| 4-Nitrophenol                                 | ND                                      | 0.8   |
| 4,6-Dinitro-2-methylphenol                    | ND                                      | 1.3   |
| Pentachlorophenol                             | ND                                      | 1.2   |
| N-Nitrosodimethylamine                        | ND                                      | 0.6   |
| bis(2-Chloroethyl)ether                       | ND                                      | 0.6   |
| 1,3-Dichlorobenzene                           | ND                                      | 0.8   |
| 1,4-Dichlorobenzene                           | ND                                      | 0.8   |
| 1,2-Dichlorobenzene                           | ND                                      | 0.8   |
| bis(2-chloroisopropyl)ether                   | ND                                      | 0.5   |
| N-Nitroso-di-n-propylamine                    | ND                                      | 1.2   |
| Hexachloroethane                              | ND                                      | 0.9   |
| Nitrobenzene                                  | ND                                      | 0.8   |
| Isophorone                                    | ND                                      | 0.2   |
| bis (2-Chloroethoxy) methane                  | ND                                      | 0.6   |
| 1,2,4-Trichlorobenzene                        | ND                                      | 0.8   |
| Naphthalene<br>Hexachlorobutadiene            | ND<br>ND                                | 0.6<br>1.2                                      |
| Hexachlorocyclopentadiene                     | ND<br>ND                                | 1.7   |
| 2-Chloronaphthalene                           | ND<br>ND                                | 0.8   |
| Dimethylphthalate                             | ND<br>ND                                | 0.5   |
| Acenaphthylene                                | ND                                      | 0.6   |
| 2,6-Dinitrotoluene                            | ND                                      | 0.4   |
| Acenaphthene                                  | ND                                      | 0.6   |
| 2,4-Dinitrotoluene                            | ND                                      | 0.3   |
| Diethylphthalate                              | ND                                      | 0.4   |
| 4-Chlorophenyl-phenylether                    | ND                                      | 0.8   |

Client ID: Field-Blank

Site: Hexcel

Lab Sample No: 344346

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02 Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10537.d

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| <u>Parameter</u>           | Analytical Result <u>Units: ug/l</u> | Method Detectic<br>Limit<br><u>Units: ug/l</u> |
|----------------------------|--------------------------------------|--|
| Fluorene                   | ND                                   | 0.6  |
| N-Nitrosodiphenylamine     | ND                                   | 0.5  |
| 4-Bromophenyl-phenylether  | ND                                   | 1.9  |
| Hexachlorobenzene          | ND                                   | 1.1  |
| Phenanthrene               | ND                                   | 0.5  |
| Anthracene                 | ИД                                   | 0.4  |
| Di-n-butylphthalate        | ND                                   | 0.4  |
| Fluoranthene               | ND                                   | 0.4  |
| Pyrene                     | ND                                   | 0.4  |
| Benzidine                  | ND                                   | 25   |
| Butylbenzylphthalate       | ND                                   | 0.4  |
| 3,3'-Dichlorobenzidine     | ND                                   | 1.3  |
| Benzo(a) anthracene        | ND                                   | 0.4  |
| Chrysene                   | ND                                   | 0.5  |
| bis(2-Ethylhexyl)phthalate | 1.4B                                 | 0.4  |
| Di-n-octylphthalate        | ND                                   | 0.1  |
| Benzo(b) fluoranthene      | ND                                   | 0.3  |
| Benzo(k) fluoranthene      | ND                                   | 0.8  |
| Benzo(a)pyrene             | ND                                   | 0.2  |
| Indeno(1,2,3-cd)pyrene     | ND                                   | 0.1  |
| Dibenz(a,h)anthracene      | ND                                   | 0.6  |
| Benzo(g,h,i)perylene       | ND                                   | 0.4  |
| Benzaldehyde               | ND                                   | 0.9  |
|                            |                                      |  |

Client ID: Field-Blank

Site: Hexcel

Lab Sample No: 344346

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Date Extracted: 04/20/02

Date Analyzed: 04/27/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10537.d

Matrix: WATER Level: LOW

Sample Volume: 990 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

#### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME                                   | RT       | EST. CONC.<br>ug/l | Q |
|---|----------|--------------------|---|
| 1NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND 2. 3. |          |                    |   |
| 4.<br>5.<br>6.<br>7.                            |          |                    |   |
| 9.<br>10.<br>11.<br>12.<br>13.                  |          |                    |   |
| 15.<br>16.<br>17.                               |          |                    |   |
| 18.<br>19.<br>20.<br>21.<br>22.                 |          |                    |   |
| 24.<br>25.<br>26.                               |          |                    |   |
| 27.<br>28.<br>29.<br>30.                        |          |                    |   |
| TOTAL ESTIMATED CONCE                           | NTRATION | 0.0                |   |

Lab Sample No: 344340 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

#### METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | M   |
|----------------|--|---|-----|
| Antimony       | ND   | 3.9                                     | P   |
| Arsenic        | . ND                                       | 3.4                                     | Р   |
| Beryllium      | <b>N</b> D                                 | 0.10                                    | P   |
| Cadmium        | <b>N</b> D                                 | 0.40                                    | P   |
| Chromium       | ND   | 2.8                                     | P   |
| Copper         | 10.2                                       | 2.1                                     | P   |
| Lead           | ND   | 2.2                                     | P   |
| Mercury        | ND   | 0.10                                    | CV  |
| Nickel         | ND   | 3.9                                     | . P |
| Selenium       | ND   | 3.9                                     | Р   |
| Silver         | ND   | 0.70                                    | Р   |
| Thallium       | ND   | 4.4                                     | P   |
| Zinc           | 40.3                                       | 5.8                                     | P   |

Lab Sample No: 344341

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

# METALS ANALYSIS

| Analyte   | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|-----------|--|---|----------|
| Antimony  | ND   | 3.9                                     | P        |
| Arsenic   | ND   | 3.4                                     | ₽        |
| Beryllium | ND   | 0.10                                    | P        |
| Cadmium   | ND   | 0.40                                    | P        |
| Chromium  | ND   | 2.8                                     | P        |
| Copper    | ND   | 2.1                                     | Ρ        |
| Lead      | ND   | 2.2                                     | P        |
| Mercury   | ND   | 0.10                                    | CV       |
| Nickel    | 26.8                                       | 3.9                                     | P        |
| Selenium  | ND   | 3.9                                     | P        |
| Silver    | ND   | 0.70                                    | P        |
| Thallium  | ND   | 4.4                                     | P        |
| Zinc      | 9.8  | 5.8                                     | Р        |

Client ID: MW10 Lab Sample No: 344342

Site: Hexcel Lab Job No: V468

Date Sampled: 04/16/02 Matrix: WATER Date Received: 04/16/02 Level: LOW

#### METALS ANALYSIS

| <u>Analyte</u>      | Analytical<br>Result<br>Units: ug/l | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|---------------------|-------------------------------------|---|----------|
| Antimony<br>Arsenic | ND<br>ND                            | 3.9<br>3.4                              | P<br>P   |
| Beryllium           | ND<br>ND                            | 0.10                                    | P        |
| Cadmium             | ND                                  | 0.40                                    | P        |
| Chromium            | ND                                  | 2.8                                     | P        |
| Copper              | 7.2                                 | 2.1                                     | P        |
| Lead                | ND                                  | 2.2                                     | P        |
| Mercury             | ND                                  | 0.10                                    | ĊV       |
| Nickel              | 95.7                                | 3.9                                     | P        |
| Selenium            | ND                                  | 3.9                                     | P        |
| Silver              | ND                                  | 0.70                                    | P        |
| Thallium            | ND                                  | 4.4                                     | P        |
| Zinc                | 60.4                                | 5.8                                     | P        |

Client ID: CW12 Site: Hexcel Lab Sample No: 344343

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br>Units: ug/l | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|-------------------------------------|---|----------|
| Antimony       | ND                                  | 3.9                                     | Р        |
| Arsenic        | ND                                  | 3.4                                     | P        |
| Beryllium      | ND                                  | 0.10                                    | P        |
| Cadmium        | 1.1                                 | 0.40                                    | P        |
| Chromium       | ND                                  | 2.8                                     | Р        |
| Copper         | 9.6                                 | 2.1                                     | P        |
| Lead           | 6.3                                 | 2.2                                     | P        |
| Mercury        | ND                                  | 0.10                                    | CV       |
| Nickel         | 23.2                                | 3.9                                     | P        |
| Selenium       | ND                                  | 3.9                                     | P        |
| Silver         | ND                                  | 0.70                                    | P        |
| Thallium       | ND                                  | 4.4                                     | P        |
| Zinc           | 1290                                | 5.8                                     | P        |

Lab Sample No: 344344 Lab Job No: V468 Client ID: CW10 Site: Hexcel

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

#### METALS ANALYSIS

| Analyte   | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|-----------|--|---|----------|
| Antimony  | ND   | 3.9                                     | P        |
| Arsenic   | ND   | 3.4                                     | Ρ        |
| Beryllium | ND   | 0.10                                    | P        |
| Cadmium   | 5.4  | 0.40                                    | P        |
| Chromium  | ND   | 2.8                                     | P        |
| Copper    | 16.4                                       | 2.1                                     | P        |
| Lead      | 9.5  | 2.2                                     | P        |
| Mercury   | ND   | 0.10                                    | CV       |
| Nickel    | 4.2  | 3.9                                     | P        |
| Selenium  | ND   | 3.9                                     | P        |
| Silver    | ND   | 0.70                                    | P        |
| Thallium  | ND   | 4.4                                     | P        |
| Zinc      | 3500                                       | 5.8                                     | P        |

Client ID: MW8 Lab Sample No: 344345 Site: Hexcel

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br>Limit | <u>M</u> |
|----------------|--|----------------------------------|----------|
| Antimony       | ND   | 3.9                              | Р        |
| Arsenic        | 4.2  | 3.4                              | P        |
| Beryllium      | ND   | 0.10                             | P        |
| Cadmium        | <b>N</b> D                                 | 0.40                             | P        |
| Chromium       | ND   | 2.8                              | P        |
| Copper         | ND   | 2.1                              | P        |
| Lead           | ND   | 2.2                              | P        |
| Mercury        | 0.17                                       | 0.10                             | CV       |
| Nickel         | 79.7                                       | 3.9                              | Р        |
| Selenium       | ND   | 3.9                              | P        |
| Silver         | ND   | 0.70                             | P        |
| Thallium       | ND   | 4.4                              | P        |
| Zinc           | 159  | 5.8                              | P        |

Client ID: Field-Blank Lab Sample No: 344346 Lab Job No: V468

Site: Hexcel

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|--|---|----------|
| Antimony       | ND   | 3.9                                     | P        |
| Arsenic        | ND   | 3.4                                     | P        |
| Beryllium      | ND   | 0.10                                    | P        |
| Cadmium        | ND   | 0.40                                    | ₽        |
| Chromium       | ND   | 2.8                                     | P        |
| Copper         | <b>N</b> D                                 | 2.1                                     | P        |
| Lead           | ND   | 2.2                                     | P        |
| Mercury        | ND   | 0.10                                    | CV       |
| Nickel         | ND   | 3.9                                     | P        |
| Selenium       | ND   | 3.9                                     | P        |
| Silver         | ND   | 0.70                                    | P        |
| Thallium       | ND   | 4.4                                     | P        |
| Zinc           | ND   | 5.8                                     | P        |

Client ID: MW14-Diss

Site: Hexcel

Lab Sample No: 344347 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br>Limit | <u>M</u> |
|----------------|--|----------------------------------|----------|
| Antimony       | ND   | 3.9                              | P        |
| Arsenic        | ND   | 3.4                              | ₽        |
| Beryllium      | ND   | 0.10                             | P        |
| Cadmium        | ND   | 0.40                             | Р        |
| Chromium       | ND   | 2.8                              | P        |
| Copper         | 9.3  | 2.1                              | P        |
| Lead           | ND   | 2.2                              | P        |
| Mercury        | ND   | 0.10                             | CV       |
| Nickel         | ND   | 3.9                              | P        |
| Selenium       | ND   | 3.9                              | P        |
| Silver         | ND   | 0.70                             | P        |
| Thallium       | ND   | 4.4                              | P        |
| Zinc           | 37.4                                       | 5.8                              | P        |

Client ID: MW28-Diss

Site: Hexcel

Lab Sample No: 344348 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|--|---|----------|
| Antimony       | ND   | 3.9                                     | P        |
| Arsenic        | ND   | 3.4                                     | P        |
| Beryllium      | ND   | 0.10                                    | Р        |
| Cadmium        | ND   | 0.40                                    | P        |
| Chromium       | ND   | 2.8                                     | P        |
| Copper         | ND   | 2.1                                     | P        |
| Lead           | ND   | 2.2                                     | P        |
| Mercury        | ND   | 0.10                                    | CV       |
| Nickel         | 28.2                                       | 3.9                                     | P        |
| Selenium       | ND   | 3.9                                     | P        |
| Silver         | ND   | 0.70                                    | P        |
| Thallium       | ND   | 4.4                                     | P        |
| Zinc           | 6.5  | 5.8                                     | P        |

Client ID: MW10-Diss Lab Sample No: 344349 Lab Job No: V468

Site: Hexcel

Date Sampled: 04/16/02 Date Received: 04/16/02 Matrix: WATER Level: LOW

# METALS ANALYSIS

| Analyte   | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|-----------|--|---|----------|
| Antimony  | ND   | 3.9                                     | P        |
| Arsenic   | ND   | 3.4                                     | P        |
| Beryllium | ND   | 0.10                                    | P        |
| Cadmium   | ND   | 0.40                                    | P        |
| Chromium  | ND   | 2.8                                     | P        |
| Copper    | ND   | 2.1                                     | P        |
| Lead      | ND   | 2.2                                     | P        |
| Mercury   | ND   | 0.10                                    | CV       |
| Nickel    | 85.8                                       | 3.9                                     | P        |
| Selenium  | ND   | 3.9                                     | P        |
| Silver    | ND   | 0.70                                    | P        |
| Thallium  | ND   | 4.4                                     | P        |
| Zinc      | 42.2                                       | 5.8                                     | P        |

Client ID: CW12-Diss

Site: Hexcel

Lab Sample No: 344350 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | M  |
|----------------|--|---|----|
| Antimony       | ND   | 3.9                                     | P  |
| Arsenic        | ND   | 3.4                                     | P  |
| Beryllium      | ND   | 0.10                                    | P  |
| Cadmium        | ND   | 0.40                                    | P  |
| Chromium       | ND   | 2.8                                     | P  |
| Copper         | ND   | 2.1                                     | P  |
| Lead           | ND   | 2.2                                     | P  |
| Mercury        | ND   | 0.10                                    | CV |
| Nickel         | 17.5                                       | 3.9                                     | P  |
| Selenium       | ND   | 3.9                                     | P  |
| Silver         | ND   | 0.70                                    | P  |
| Thallium       | ND   | 4.4                                     | P  |
| Zinc           | 1130                                       | 5.8                                     | P  |

Client ID: CW10-Diss

Site: Hexcel

Lab Sample No: 344351

Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

#### METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|--|---|----------|
| Antimony       | ND   | 3.9                                     | P        |
| Arsenic        | ND   | 3.4                                     | P        |
| Beryllium      | ND   | 0.10                                    | P        |
| Cadmium        | 4.9  | 0.40                                    | P        |
| Chromium       | ND   | 2.8                                     | P        |
| Copper         | 16.9                                       | 2.1                                     | P        |
| Lead           | ND   | 2.2                                     | P        |
| Mercury        | ND   | 0.10                                    | CV       |
| Nickel         | ND   | 3.9                                     | P        |
| Selenium       | ND   | 3.9                                     | P        |
| Silver         | ND   | 0.70                                    | P        |
| Thallium       | ND   | 4.4                                     | P        |
| Zinc           | 3270                                       | 5.8                                     | P        |

Client ID: MW8-Diss

Site: Hexcel

Lab Sample No: 344352 Lab Job No: V468

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

# METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|--|---|----------|
| Antimony       | ND   | 3.9                                     | Р        |
| Arsenic        | 4.9  | 3.4                                     | P        |
| Beryllium      | ND   | 0.10                                    | P        |
| Cadmium        | ND   | 0.40                                    | P        |
| Chromium       | ND   | 2.8                                     | P        |
| Copper         | ND   | 2.1                                     | P        |
| Lead           | ND   | 2.2                                     | P        |
| Mercury        | ND   | 0.10                                    | CV       |
| Nickel         | 75.8                                       | 3.9                                     | P        |
| Selenium       | ND   | 3.9                                     | P        |
| Silver         | ND   | 0.70                                    | P        |
| Thallium       | ND   | 4.4                                     | P        |
| Zinc           | 101  | 5.8                                     | P        |

Client ID: Field-Blank-Diss

Lab Sample No: 344353 Lab Job No: V468

Site: Hexcel

Date Sampled: 04/16/02 Date Received: 04/16/02

Matrix: WATER Level: LOW

#### METALS ANALYSIS

| <u>Analyte</u> | Analytical<br>Result<br><u>Units: ug/l</u> | Instrument<br>Detection<br><u>Limit</u> | <u>M</u> |
|----------------|--|---|----------|
| Antimony       | ND   | 3.9                                     | Р        |
| Arsenic        | ND   | 3.4                                     | P        |
| Beryllium      | ND   | 0.10                                    | P        |
| Cadmium        | ND   | 0.40                                    | P        |
| Chromium       | ND   | 2.8                                     | P        |
| Copper         | ND   | 2.1                                     | P        |
| Lead           | ND   | 2.2                                     | P        |
| Mercury        | ND   | 0.10                                    | CV       |
| Nickel         | ND   | 3.9                                     | P        |
| Selenium       | ND   | 3.9                                     | P        |
| Silver         | ND   | 0.70                                    | Р        |
| Thallium       | ND   | 4.4                                     | P        |
| Zinc           | ND   | 5.8                                     | Р        |

Haley & Aldrich, Inc. 150 Mineral Springs Drive Dover, NJ 07801

Attention: Ms. Sunila Gupta



STL Edison

777 New Durham Road Edison, NJ 08817

Tel: 732-549-3900 Fax: 732-549-3679 www.stl-inc.com

Laboratory Results Job No. V499 - Hexcel

Dear Ms. Gupta:

Enclosed are the results you requested for the following sample(s) received at our laboratory on April 17, 2002.

| <u>Lab No.</u> | Client ID   | Analysis Required                           |
|----------------|-------------|---|
| 344670         | Trip_Blank  | PPVOA+15w/Acetone                           |
| 344671         | Field_Blank | PPVOA+15w/Acetone<br>PPBNA+25w/Benzaldehyde |
| 344672         | MW21        | PPVOA+15w/Acetone                           |
| 344673         | MW32R       | PPVOA+15w/Acetone                           |
| 344674         | CW3         | PPVOA+15w/Acetone<br>PPBNA+25w/Benzaldehyde |
| 344675         | CW1         | PPVOA+15w/Acetone                           |

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Deanna Doster, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban Laboratory Manager



# 882010072

| CT         | -I | E | n | IS | $\cap$ | N  |  |
|------------|----|---|---|----|--------|----|--|
| <b>3</b> 1 | _  | ᆮ | u | IJ | v      | 14 |  |

777 New Durham Road

# **CHAIN OF CUSTODY / ANALYSIS REQUEST**

Field Services SJO

| Phone: (732) 549-3900 Fax: (732) 549-3679     |               |  |             |              |             | . ,                                     |  |  |          | _        |                |              |                        | PAGE L OF     | 1              |
|---|---------------|--|-------------|--------------|-------------|---|--|--|----------|----------|----------------|--------------|------------------------|---------------|----------------|
| Name ( for report and invoice )               |               |  | s Name (    | Printed      | コー          |   | Site/F                                       | <sup>o</sup> roject                              | Identif  | ication  | 11             | 1            |                        |               | $\neg$         |
| Ms. Sunita Gupta                              |               | K. A                                       | Hlowa       | <b>y</b> , ' | KJa         | agasd                                   | <u> </u>                                     |  |          |          |                | cel          | <del></del>            |               | _              |
| Company                                       |               | P.O.# ()                                   |             |              |             |   |  |  |          |          | <u> </u>       | Other:       |                        |               |                |
| Hally of Aldrich                              |               |  |             |              | <del></del> |   |  | latory   |          |          |                |              |                        |               | _              |
| Address  150 HINERAL Springs Drive City State |               | J  |             |              |             | UESTED (                                | UESTED (ENTER 'X' BELOW TO INDICATE REQUEST) |  |          |          |                | -            | LAB USE ON Project No: | LY            |                |
|   |               | Standard X<br>Rush Charges Authorized For: |             |              | -1          | 1                                       |  |  |          |          |                |              | 7/6/14                 | l             |                |
|   | 1-1635        | 2 Week                                     |             | zeo rox.     | 1.          | اعداره                                  | -1   | -  | 1        | 1        |                |              | - [                    |               | _              |
| Phone Fax                                     | 14            | 1 Week                                     | ==          |              | 17          | 1 1                                     |  |  | 1        | I I      |                |              | 1                      | 10040         | 1              |
| 973-361-3600 973-                             | 361-3800      |  |             |              | 1           | 13                                      |  |  |          | 1 1      |                | -1           |                        | 1             | <del>-</del> - |
|   |               |  |             | No. of.      | 7≤          | * # # # # # # # # # # # # # # # # # # # |  | 1  | П        |          | -              |              | 1 .                    | Sample        | ı              |
| Sample Identification                         | Date          | Time                                       | Matrix      | Cont.        | <u> </u>    |   |  |  |          |          |                | 4            |                        | Numbers       |                |
| Trip Blank                                    | 4-17-03       | 6:30                                       | An_         | 2            | X           |   |  |  |          |          |                | <u> </u>     |                        | 344670        |                |
| Field Blank                                   | 1             | 1224                                       | 1           | 3            | X           | ×                                       |  |  |          | _        | _              |              |                        | 34467         |                |
| MW21  |               | 1121                                       |             | 3            | X           |   |  |  |          |          |                |              | -                      | 34469         | 2_             |
| MW32R   |               | 1113                                       |             | 3            | X           |   | 1  |  |          |          |                |              |                        | 34467         | 3              |
| CW3   |               | 1232                                       |             | 4            | X           | ×                                       | 1  |  |          |          |                | T            |                        | 344674        | -              |
| CWI   | 10            | 1215                                       | Ü           | 3            | K           |   | <del> </del>                                 |  |          | _        | $\dashv$       | <del> </del> |                        | 344675        | 7              |
| C.0 (   |               | 1/2/3                                      | <del></del> | 10           | 1~          |   | +  |  |          |          |                | †            |                        | , , , , , , , | $\dashv$       |
|   |               | <del></del>                                |             | <del> </del> |             |   | -  |  | $\dashv$ |          |                | ╂—           |                        | ·             | ᅴ              |
|   |               | <b></b>                                    | ļ           | <u> </u>     | <u> </u>    |   |  | 1  |          |          |                | -            |                        |               | _              |
|   |               | <b>.</b>                                   |             | ļ            | <u> </u>    |   | <del> </del>                                 |  |          |          |                | 1            |                        |               |                |
|   |               | <u> </u>                                   | <u> </u>    | <u> </u>     |             |   | <u> </u>                                     |  |          |          |                | <u> </u>     |                        |               |                |
| Preservation Used: 1 = ICE, 2 = HCl, 3 = H    | 2SO4, 4 = HNO | 3, 5 = Na                                  | ОН          | Soil:        |             |   |  |  |          |          |                |              |                        |               |                |
| 6 = Other,                                    | 7 = Other     |  |             | Water:       | 4,2         | 1                                       |  |  |          |          |                |              |                        |               |                |
| × A   | 1 11/4        | to Vo                                      | A + 18      | N4 0         | ~/          | Arehue                                  | tov  | va,  | Ben.     | rold     | Jah.           | ro P         | MA                     | d (Yes/No)?   | - ou           |
|   |               | , , , , , ,                                |             |              |             |   |  | <del>/                                    </del> |          | <u>-</u> |                |              | Filtere                | d (Yes/No)?   |                |
| 1/ 1  | mpany         |  |             | te / Time    | 25          | Received                                | " ( <i>/</i>                                 |  |          |          | Con            | papy         | T                      | dison         | - 1            |
|   | ST1-8J        | <u> </u>                                   |             | 0213         |             | 17                                      | $7\overline{x}$                              | 2  |          |          | $\overline{z}$ |              | <u> _</u> ビ            | DIZUN         |                |
| Relinquished by Cor                           | mpany         |  | Da Da       | te / Time    | !           | Received t                              | у  |  | ر        |          | Соп            | pany         |                        |               |                |
| )V  |               |  |             | 1            |             | 2)                                      |  |  |          |          |                |              |                        |               | ]              |
| elinquished by Cor                            | mpany         |  | Da          | te / Time    |             | Received b                              | у  |  |          |          | Con            | pany         |                        |               |                |
| )   |               |  |             | 1            |             | 3)                                      |  |  |          |          |                |              |                        |               | ı              |
| Relinquished by Cor                           | прапу         |  | Da          | te / Time    |             | Received b                              | у  |  |          |          | Con            | pany         |                        |               | ᅦ              |
| <b>y</b>                                      |               |  |             | 1            |             | 4)                                      |  |  |          |          |                |              |                        |               |                |
| Laboratory Certifications: New Jersey         | (12028) N     | ew York                                    | (11452)     | Peni         |             | nia (68-52                              | 22\  | Conn   | acticui  | t (PH-0  | 200)           | Bhor         | lo lela                | and (132).    |                |

# Monitoring Well Data

| Client: Haley & Aldrich | Projec                | t: Hexcel                | Analyst / Field Sampler: K. Alloway |
|-------------------------|-----------------------|--------------------------|-------------------------------------|
| Job No: V499            | Date Sampled: 4/17/02 | Weather: Sunny, mid 90's | Field Sampler: R. Toogood           |

|   |  |  |   | Well / P   | urge Inf | ormatio | n |       |          |    |
|---|--|--|---|--|----------|---------|---|-------|----------|----|
| Well ID   | MW21   | MW32B  | CW1   | CW3  |          |         |   |       |          |    |
| PID Reading from Well   |  |  |   |  |          |         |   |       |          |    |
| Casing (ppm)  | 0.0  | 22.0   | 1.8   | 0.0  |          |         |   | <br>ļ | <b></b>  |    |
| Depth to Product from TOC (ft.)   | NA   | NA   | NA  | NA   |          |         |   |       |          |    |
| Depth to Water from TOC (ft.) (before purging)  | 8.00   | 8.17   | 7.35  | 6.98   |          |         |   |       |          |    |
| Depth to Bottom from TOC (ft.)  | 15.04  | 11.08  | 11.42   | 10.27  |          |         |   |       |          |    |
| Water Volume in Well (gal.)   | 4.60   | 1.90   | 2,66  | 2.15   |          |         |   |       |          |    |
| Purge Method  | Perstaltic<br>pump                                 | Perstattic<br>pump                                   | Perstattic<br>pump                                | Perstattic<br>pump                                 |          |         |   |       |          |    |
| Purge Start Time  | 9:10   | 9:16   | 10:24   | 10:45  |          |         |   |       |          | ļi |
| Purge End Time  | 9:47   | 9:27   | 10:58   | 11:06  |          |         |   | <br>  |          |    |
| Purge Rate (gpm)  | 0.32   | 0.23   | 0.10  | 0.12   |          |         |   | <br>  |          | ļ  |
| Volume Purged (gal.)  | 12.0   | 2.5  | 3.5   | 2.5  |          |         |   | <br>  | ļ        |    |
| Depth to Water from TOC (ft.) (after purging)   | Dry  | Dry  | Dry   | Dry  |          |         |   |       | <u> </u> |    |
| Depth to Water from TOC (ft.) (before sampling)   | 10.30  | 9.25   | 10.30   | 9.76   |          |         |   |       |          |    |
| Sampling Method   | Bailer   | Bailer   | Bailer  | Bailer   |          |         |   | <br>  |          |    |
| Time of Sampling  | 11:21  | 11:13  | 12:15   | 12:32  |          |         |   |       |          |    |
|   |  |  |   | Field Pa   | rameter  | S       |   |       |          |    |
| pH before Purge   | 6.27   | 6.97   | 5.78  | 5.93   |          |         |   |       |          |    |
| Temp. before Purge (°C)   | 17.9   | 17.9   | 19.3  | 18.6   |          |         |   |       |          |    |
| Diss. Oxygen before Purge<br>(ppm)  | 0.65   | 0.23   | 0.91  | 1.11   |          |         | 1 | ļ     | 1        |    |
| Cand. before Purge<br>(umhos/cm)  | 1326   |  |   |  |          |         | + |       | <u> </u> |    |
| Redox Potential before Purge (mV)   |  | 3880   | 622   | 1184   |          |         |   |       |          |    |
| (1114)  | -97  | 3880<br>-145   | 622<br>-65  | 1184<br>-69  |          |         |   |       |          |    |
| pH after Purge  |  |  |   |  |          |         |   |       |          |    |
| pH after Purge Temp. after Purge (°C)   | -97  | -145   | -65   | -69  |          |         |   |       |          |    |
| pH after Purge Temp, after Purge (°C) Diss, Oxygen after Purge  | -97<br>6.33<br>17.5                                | -145<br>7.17<br>17.3                                 | -65<br>6,03<br>18.3                               | -69<br>6.02<br>16.6                                |          |         |   |       |          |    |
| pH after Purge  Temp. after Purge (°C)  Diss. Oxygen after Purge (ppm)  Cond. after Purge (umhos/cm)  | -97<br>6.33<br>17.5<br>0.58                        | -145<br>7.17   | -65<br>6.03<br>18.3<br>0.88                       | -69<br>6.02  |          |         |   |       |          |    |
| pH after Purge  Temp, after Purge (°C)  Diss, Oxygen after Purge (ppm)  | -97<br>6.33<br>17.5                                | -145<br>7.17<br>17.3<br>0.20                         | -65<br>6,03<br>18.3                               | -69<br>6.02<br>16.6<br>1.20                        |          |         |   |       |          |    |
| pH after Purge (°C) Diss, Oxygen after Purge (ppm) Cond. after Purge (umhos/cm) Redox Potential after Purge   | -97<br>6.33<br>17.5<br>0.58<br>1662                | -145<br>7.17<br>17.3<br>0.20<br>3690                 | -65<br>6.03<br>18.3<br>0.88<br>627                | -69<br>6.02<br>16.6<br>1.20                        |          |         |   |       |          |    |
| pH after Purge  Temp. after Purge (°C)  Diss. Oxygen after Purge (ppm)  Cond. after Purge (umhos/cm)  Redox Potential after Purge (mV)  pH at Sample  Temp. at Sample (°C)                          | -97<br>6.33<br>17.5<br>0.58<br>1662<br>-85         | -145<br>7.17<br>17.3<br>0.20<br>3690<br>-127         | -65<br>6.03<br>18.3<br>0.88<br>627<br>-55         | -69<br>6.02<br>16.6<br>1.20<br>1047<br>-74         |          |         |   |       |          |    |
| pH after Purge  Temp. after Purge (°C) Diss. Oxygen after Purge (ppm) Cond. after Purge (umhos/cm) Redox Potential after Purge (mV) pH at Sample  Temp. at Sample (°C) Diss. Oxygen at Sample (ppm) | -97 6.33 17.5 0.58 1662 -85 6.44                   | -145<br>7.17<br>17.3<br>0.20<br>3690<br>-127<br>7.35 | -65<br>6.03<br>18.3<br>0.88<br>627<br>-55<br>6.09 | -69<br>6.02<br>16.6<br>1.20<br>1047<br>-74<br>6.07 |          |         |   |       |          |    |
| pH after Purge Temp. after Purge (°C) Diss. Oxygen after Purge (ppm) Cond. after Purge (umhos/cm) Redox Potential after Purge (mV) pH at Sample Temp. at Sample (°C) Diss. Oxygen at Sample         | -97<br>6.33<br>17.5<br>0.58<br>1662<br>-85<br>6.44 | -145 7.17 17.3 0.20 3690 -127 7.35 17.9              | -65<br>6.03<br>18.3<br>0.88<br>627<br>-55<br>6.09 | -69<br>6.02<br>16.6<br>1.20<br>1047<br>-74<br>6.07 |          |         |   |       |          |    |

| Comments: |      |  |
|-----------|------|--|
|           |      |  |
|           | <br> |  |
|           |      |  |
|           | <br> |  |

Client ID: Trip\_Blank
Site: Hexcel

Lab Sample No: 344670

Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02

GC Column: DB624
Instrument ID: VOAMS6.i Lab File ID: f33910.d

Matrix: WATER

Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

| <u>Parameter</u>          | Analytical Result <u>Units: uq/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|--------------------------------------|---|
| Chloromethane             | ND                                   | 0.3   |
| Bromomethane              | ND                                   | 0,2   |
| Vinyl Chloride            | ND                                   | 0.2   |
| Chloroethane              | ND                                   | 0.3   |
| Methylene Chloride        | ND                                   | 1.0   |
| Acetone                   | ND                                   | 1.5   |
| Trichlorofluoromethane    | ND                                   | 0.4   |
| 1,1-Dichloroethene        | ND                                   | 0.2   |
| 1,1-Dichloroethane        | ND                                   | 0.2   |
| trans-1,2-Dichloroethene  | ND                                   | 0.2   |
| cis-1,2-Dichloroethene    | ND                                   | 0.2   |
| Chloroform                | ND                                   | 0.2   |
| 1,2-Dichloroethane        | ND                                   | 0.2   |
| 1,1,1-Trichloroethane     | ND                                   | 0.3   |
| Carbon Tetrachloride      | ND                                   | 0.2   |
| Bromodichloromethane      | ND                                   | 0.2   |
| 1,2-Dichloropropane       | ND                                   | 0.2   |
| cis-1,3-Dichloropropene   | ND                                   | 0.2   |
| Trichloroethene           | ND                                   | 0.3   |
| Dibromochloromethane      | ND                                   | 0.1   |
| 1,1,2-Trichloroethane     | ND                                   | 0.2   |
| Benzene                   | ND                                   | 0.2   |
| trans-1,3-Dichloropropene | ND                                   | 0.2   |
| 2-Chloroethyl Vinyl Ether | ND                                   | 0.4   |
| Bromoform                 | ND                                   | 0.2   |
| Tetrachloroethene         | ND                                   | 0.3   |
| 1,1,2,2-Tetrachloroethane | ND                                   | 0.1   |
| Toluene                   | ND                                   | 0.2   |
| Chlorobenzene             | ND                                   | 0.2   |
| Ethylbenzene              | ND                                   | 0.2   |
| Xylene (Total)            | ND                                   | 0.2   |

Client ID: Trip\_Blank Site: Hexcel

Lab Sample No: 344670 Lab Sampre No. -Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33910.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME  | RT       | EST. CONC. |  |
|--|----------|------------|--|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. | ,        | ug/l       |  |
| TOTAL ESTIMATED CONCE  | NTRATION | 0.0        |  |

Client ID: Field\_Blank

Site: Hexcel

Lab Sample No: 344671 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33911.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

| Parameter                 | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 0.3   |
| Bromomethane              | ND                                      | 0.2   |
| Vinyl Chloride            | ND                                      | 0.2   |
| Chloroethane              | ND                                      | 0.3   |
| Methylene Chloride        | ND                                      | 1.0   |
| Acetone                   | ND                                      | 1.5   |
| Trichlorofluoromethane    | ND                                      | 0.4   |
| 1,1-Dichloroethene        | ND                                      | 0.2   |
| 1,1-Dichloroethane        | ND                                      | 0.2   |
| trans-1,2-Dichloroethene  | ND                                      | 0.2   |
| cis-1,2-Dichloroethene    | ND                                      | 0.2   |
| Chloroform                | ND                                      | 0.2   |
| 1,2-Dichloroethane        | ND                                      | 0.2   |
| 1,1,1-Trichloroethane     | ND                                      | 0.3   |
| Carbon Tetrachloride      | ND                                      | 0.2   |
| Bromodichloromethane      | ND                                      | 0.2   |
| 1,2-Dichloropropane       | ND                                      | 0.2   |
| cis-1,3-Dichloropropene   | ND                                      | 0.2   |
| Trichloroethene           | ND                                      | 0.3   |
| Dibromochloromethane      | ND                                      | 0.1   |
| 1,1,2-Trichloroethane     | ND                                      | 0.2   |
| Benzene                   | ND                                      | 0.2   |
| trans-1,3-Dichloropropene | ND                                      | 0.2   |
| 2-Chloroethyl Vinyl Ether | ND                                      | 0.4   |
| Bromoform                 | ND                                      | 0.2   |
| Tetrachloroethene         | ND                                      | 0.3   |
| 1,1,2,2-Tetrachloroethane | ND                                      | 0.1   |
| Toluene                   | ND                                      | 0.2   |
| Chlorobenzene             | ND                                      | 0.2   |
| Ethylbenzene              | ND                                      | 0.2   |
| Xylene (Total)            | ND                                      | 0.2   |

Client ID: Field\_Blank

Site: Hexcel

Lab Sample No: 344671 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i

Lab File ID: f33911.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

# VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                             | RT | EST. CONC.<br>ug/l | Q |
|---|----|--------------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND 2. |    |                    |   |
| 4.<br>5.                                  |    |                    |   |
| 7.<br>8.                                  |    |                    |   |
| 10  |    |                    |   |
| 12.<br>13.<br>14.<br>15.                  |    |                    |   |
| 17.<br>18.                                |    |                    |   |
| 20.                                       |    |                    |   |
| 23.<br>24.                                |    |                    |   |
| 25.<br>26.<br>27.<br>28.                  |    |                    |   |
| 29.<br>30.                                |    |                    |   |

TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: MW21

Site: Hexcel

Lab Sample No: 344672 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02

Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33942.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 50.0

| <u>Parameter</u>          | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 16  |
| Bromomethane              | ND                                      | 10  |
| Vinyl Chloride            | ND                                      | 12  |
| Chloroethane              | ND                                      | 14  |
| Methylene Chloride        | ND                                      | 51  |
| Acetone                   | ND                                      | 75  |
| Trichlorofluoromethane    | ND                                      | 18  |
| 1,1-Dichloroethene        | ND                                      | 12  |
| 1,1-Dichloroethane        | ND                                      | 8.5   |
| trans-1,2-Dichloroethene  | ND                                      | 10  |
| cis-1,2-Dichloroethene    | 37                                      | 9.0   |
| Chloroform                | ND                                      | 9.5   |
| 1,2-Dichloroethane        | ND                                      | 10  |
| 1,1,1-Trichloroethane     | ND                                      | 13  |
| Carbon Tetrachloride      | ND                                      | 12  |
| Bromodichloromethane      | ND                                      | 8.0   |
| 1,2-Dichloropropane       | ND                                      | 8.0   |
| cis-1,3-Dichloropropene   | ND                                      | 8.5   |
| Trichloroethene           | ND                                      | 16  |
| Dibromochloromethane      | ND                                      | 6.5   |
| 1,1,2-Trichloroethane     | ND                                      | 10  |
| Benzene                   | 33                                      | 9.5   |
| trans-1,3-Dichloropropene | ND                                      | 7.5   |
| 2-Chloroethyl Vinyl Ether | ND                                      | 21  |
| Bromoform                 | ND                                      | 9.0   |
| Tetrachloroethene         | ND                                      | 14  |
| 1,1,2,2-Tetrachloroethane | ND                                      | 6.0   |
| Toluene                   | , ND                                    | 9.0   |
| Chlorobenzene             | 5200                                    | 7.5   |
| Ethylbenzene              | ND                                      | 9.5   |
| Xylene (Total)            | 40                                      | 9.5   |

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33942.d

Lab Sample No: 344672

Lab Job No: V499

Matrix: WATER Level: LOW Purge Volume: 5.0 ml

Dilution Factor: 50.0

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                        | RT              | EST. CONC.                             | Q     |
|--------------------------------------|-----------------|--|-------|
|                                      |                 | ug/l                                   |       |
| ==================================== | # <b>=</b> ==== | ==========                             | ===== |
| 1NO VOLATILE ORGANIC COMPOUNDS FOUND |                 |  |       |
| 2                                    |                 |  |       |
| 3.                                   |                 |  |       |
| 4                                    |                 |  |       |
| 4                                    |                 |  |       |
| 5.                                   |                 |  |       |
| 6                                    |                 |  |       |
| 7.                                   |                 |  |       |
| 1 ••                                 |                 |  |       |
| 1 ).                                 |                 |  |       |
| 1 20.                                |                 |  |       |
| <u></u>                              |                 |  |       |
| 16.                                  |                 |  |       |
| 1                                    |                 |  |       |
| 14.                                  |                 |  |       |
| 1 22.                                |                 |  |       |
| 16.                                  |                 |  |       |
| 17.                                  |                 |  |       |
| 18.                                  |                 |  |       |
| 19                                   |                 | l ———————————————————————————————————— |       |
| 19.                                  |                 |  |       |
| 20.                                  | ļ               |  |       |
|                                      |                 |  |       |
| 22.                                  |                 |  |       |
| 1 43.                                | l               |  |       |
| # 1 ·                                |                 |  |       |
| 1 25.                                |                 | l                                      |       |
| , 20.                                |                 |  |       |
| <b>D</b> / •                         |                 |  | _     |
|                                      |                 |  |       |
| 29.                                  |                 |  |       |
| 30.                                  |                 |  |       |
|                                      |                 |  | ļ ——— |
|                                      |                 | I                                      | · ——— |
|                                      |                 | 1                                      | ,     |

TOTAL ESTIMATED CONCENTRATION

0.0

Lab Sample No: 344673

Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33913.d

Matrix: WATER Level: LOW Purge Volume: 5.0 ml Dilution Factor: 2000.0

| <u>Parameter</u>          | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 660   |
| Bromomethane              | ND                                      | 420   |
| Vinyl Chloride            | ND                                      | 460   |
| Chloroethane              | ND                                      | 560   |
| Methylene Chloride        | 79000                                   | 2000  |
| Acetone                   | ND                                      | 3000  |
| Trichlorofluoromethane    | ND                                      | 700   |
| 1,1-Dichloroethene        | ND                                      | 480   |
| 1,1-Dichloroethane        | 1700                                    | 340   |
| trans-1,2-Dichloroethene  | ND                                      | 400   |
| cis-1,2-Dichloroethene    | 240000                                  | 360   |
| Chloroform                | ND                                      | 380   |
| 1,2-Dichloroethane        | ND                                      | 420   |
| 1,1,1-Trichloroethane     | ND                                      | 520   |
| Carbon Tetrachloride      | ND                                      | 500   |
| Bromodichloromethane      | ND                                      | 320   |
| 1,2-Dichloropropane       | ND                                      | 320   |
| cis-1,3-Dichloropropene   | ND                                      | 340   |
| Trichloroethene           | 1700                                    | 620   |
| Dibromochloromethane      | ND                                      | 260   |
| 1,1,2-Trichloroethane     | ND                                      | 400   |
| Benzene                   | ND                                      | 380   |
| trans-1,3-Dichloropropene | ND                                      | 300   |
| 2-Chloroethyl Vinyl Ether | ND                                      | 840   |
| Bromoform                 | ND                                      | 360   |
| Tetrachloroethene         | ND                                      | 560   |
| 1,1,2,2-Tetrachloroethane | ND                                      | 240   |
| Toluene                   | 4600                                    | 360   |
| Chlorobenzene             | 9000                                    | 300   |
| Ethylbenzene              | ND                                      | 380   |
| Xylene (Total)            | ND                                      | 380   |

Client ID: MW32R

Site: Hexcel

Lab Sample No: 344673

Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02

GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f33913.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 2000.0

# VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME   | RT       | EST. CONC. | Q |
|---|----------|------------|---|
| 1. Benzene, 1,2-dichloro- 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. | 16.34    | =========  |   |
| TOTAL ESTIMATED CONCE   | NTRATION | 7800       |   |

V499

Lab Sample No: 344674 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02

Matrix: WATER Level: LOW

Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f33914.d

Purge Volume: 5.0 ml Dilution Factor: 1000.0

| <u>Parameter</u>          | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 330   |
| Bromomethane              | <b>И</b> D                              | 210   |
| Vinyl Chloride            | ND                                      | 230   |
| Chloroethane              | ND                                      | 280   |
| Methylene Chloride        | ND                                      | 1000  |
| Acetone                   | ND                                      | 1500  |
| Trichlorofluoromethane    | ND                                      | 350   |
| 1,1-Dichloroethene        | ND                                      | 240   |
| 1,1-Dichloroethane        | 630                                     | 170   |
| trans-1,2-Dichloroethene  | ND                                      | 200   |
| cis-1,2-Dichloroethene    | 120000                                  | 180   |
| Chloroform                | ND                                      | 190   |
| 1,2-Dichloroethane        | ND                                      | 210   |
| 1,1,1-Trichloroethane     | 500                                     | 260   |
| Carbon Tetrachloride      | ND                                      | 250   |
| Bromodichloromethane      | ND                                      | 160   |
| 1,2-Dichloropropane       | ND                                      | 160   |
| cis-1,3-Dichloropropene   | ND                                      | 170   |
| Trichloroethene           | 330                                     | 310   |
| Dibromochloromethane      | ND                                      | 130   |
| 1,1,2-Trichloroethane     | ND                                      | 200   |
| Benzene                   | ND                                      | 190   |
| trans-1,3-Dichloropropene | ND                                      | 150   |
| 2-Chloroethyl Vinyl Ether | ND                                      | 420   |
| Bromoform                 | ND                                      | 180   |
| Tetrachloroethene         | 640                                     | 280   |
| 1,1,2,2-Tetrachloroethane | ND                                      | 120   |
| Toluene                   | ND                                      | 180   |
| Chlorobenzene             | 700                                     | 150   |
| Ethylbenzene              | ND                                      | 190   |
| Xylene (Total)            | ND                                      | 190   |

Lab Sample No: 344674 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624 Instrument ID: VOAMS6.i

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1000.0

Lab File ID: f33914.d

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                          | RT | EST. CONC. | Q |
|--|----|------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND |    |            |   |
| 2.<br>3.<br>4.                         |    |            |   |
| 5.<br>6.<br>7.                         |    |            |   |
| 8.<br>9.<br>10.                        |    |            |   |
| 12.                                    |    |            |   |
| 13.<br>14.<br>15.                      |    |            |   |
| 16.<br>17.<br>18.                      |    |            |   |
| 20.                                    |    |            |   |
| 23.<br>24.                             |    |            |   |
| 25.<br>26.<br>27.                      |    |            |   |
| 29.                                    |    |            |   |
| 30                                     |    |            |   |

TOTAL ESTIMATED CONCENTRATION

Lab Sample No: 344675 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 GC Column: DB624

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 50.0

Instrument ID: VOAMS6.i Lab File ID: f33915.d

| <u>Parameter</u>          | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 16  |
| Bromomethane              | ND                                      | 10  |
| Vinyl Chloride            | ND                                      | 12  |
| Chloroethane              | ND                                      | 14  |
| Methylene Chloride        | ND                                      | 51  |
| Acetone                   | ND                                      | 75  |
| Trichlorofluoromethane    | ND                                      | 18  |
| 1,1-Dichloroethene        | ND                                      | 12  |
| 1,1-Dichloroethane        | 85                                      | 8.5   |
| trans-1,2-Dichloroethene  | ND                                      | 10  |
| cis-1,2-Dichloroethene    | 6500                                    | 9.0   |
| Chloroform                | ND                                      | 9.5   |
| 1,2-Dichloroethane        | ND                                      | 10  |
| 1,1,1-Trichloroethane     | ND                                      | 13  |
| Carbon Tetrachloride      | ND                                      | 12  |
| Bromodichloromethane      | ND                                      | 8.0   |
| 1,2-Dichloropropane       | ND                                      | 8.0   |
| cis-1,3-Dichloropropene   | ND                                      | 8.5   |
| Trichloroethene           | ND                                      | 16  |
| Dibromochloromethane      | ND                                      | 6.5   |
| 1,1,2-Trichloroethane     | ND                                      | 10  |
| Benzene                   | ND                                      | 9.5   |
| trans-1,3-Dichloropropene | ND                                      | 7.5   |
| 2-Chloroethyl Vinyl Ether | ND                                      | 21  |
| Bromoform                 | ND                                      | 9.0   |
| Tetrachloroethene         | 48                                      | 14  |
| 1,1,2,2-Tetrachloroethane | ND                                      | 6.0   |
| Toluene                   | ND                                      | 9.0   |
| Chlorobenzene             | ND                                      | 7.5   |
| Ethylbenzene              | ND                                      | 9.5   |
| Xylene (Total)            | ND                                      | 9.5   |

Lab Sample No: 344675 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Analyzed: 04/19/02 Matrix: WATER Level: LOW

GC Column: DB624

Purge Volume: 5.0 ml Dilution Factor: 50.0

Instrument ID: VOAMS6.i Lab File ID: f33915.d

## VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

|                                      |          | ·                  |            |
|--------------------------------------|----------|--------------------|------------|
| COMPOUND NAME                        | RT       | EST. CONC.<br>ug/l | Q<br>===== |
| 1NO VOLATILE ORGANIC COMPOUNDS FOUND |          |                    |            |
| 2                                    |          |                    |            |
| 5                                    |          |                    |            |
| 6.<br>7.                             |          |                    |            |
| 8.<br>9.                             |          |                    |            |
| 11.                                  |          |                    |            |
| 13                                   |          |                    |            |
| 14.<br>15                            |          |                    |            |
| 16.<br>17.                           |          |                    | -          |
| 18.                                  |          |                    |            |
| 20.<br>21.<br>22.                    |          |                    |            |
| 23.                                  |          |                    |            |
| 25                                   |          |                    |            |
| 27.                                  |          |                    |            |
| 29.<br>30.                           |          |                    |            |
|                                      |          |                    |            |
| TOTAL ESTIMATED CONCE                | NTRATION | 0.0                |            |

Client ID: Field\_Blank

Site: Hexcel

Lab Sample No: 344671

Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02 Date Analyzed: 04/29/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10555.d

Matrix: WATER Level: LOW

Sample Volume: 940 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| <u>Parameter</u>            | Analytical Result<br>Units: ug/l | Method Detection<br>Limit<br><u>Units: uq/l</u> |
|-----------------------------|----------------------------------|---|
| Phenol                      | ND                               | 0.3   |
| 2-Chlorophenol              | ND                               | 1.5   |
| 2-Nitrophenol               | ND                               | 1.3   |
| 2,4-Dimethylphenol          | ND                               | 1.6   |
| 2,4-Dichlorophenol          | ND                               | 2.2   |
| 4-Chloro-3-methylphenol     | ND                               | 2.1   |
| 2,4,6-Trichlorophenol       | ND                               | 1.7   |
| 2,4-Dinitrophenol           | ND                               | 0.4   |
| 4-Nitrophenol               | ND                               | 0.8   |
| 4,6-Dinitro-2-methylphenol  | ND                               | 1.4   |
| Pentachlorophenol           | ND                               | 1.2   |
| N-Nitrosodimethylamine      | ND                               | 0.7   |
| bis(2-Chloroethyl)ether     | ND                               | 0.6   |
| 1,3-Dichlorobenzene         | ND                               | 0.8   |
| 1,4-Dichlorobenzene         | ND                               | 0.9   |
| 1,2-Dichlorobenzene         | ND                               | 0.9   |
| bis(2-chloroisopropyl)ether | ND                               | 0.5   |
| N-Nitroso-di-n-propylamine  | ND                               | 1.3   |
| Hexachloroethane            | ND                               | 0.9   |
| Nitrobenzene                | ИD                               | 0.8   |
| Isophorone                  | ND                               | 0.2   |
| bis(2-Chloroethoxy)methane  | ND                               | 0.7   |
| 1,2,4-Trichlorobenzene      | ND                               | 0.8   |
| Naphthalene                 | ND                               | 0.7   |
| Hexachlorobutadiene         | ND                               | 1.2   |
| Hexachlorocyclopentadiene   | ND                               | 1.8   |
| 2-Chloronaphthalene         | ND                               | 0.9   |
| Dimethylphthalate           | ND                               | 0.6   |
| Acenaphthylene              | ND                               | 0.6   |
| 2,6-Dinitrotoluene          | ND                               | 0.4   |
| Acenaphthene _              | ND                               | 0.6   |
| 2,4-Dinitrotoluene          | ND                               | 0.3   |
| Diethylphthalate            | ND                               | 0.5   |
| 4-Chlorophenyl-phenylether  | ND                               | 0.9   |
|                             |                                  |   |

Client ID: Field Blank

Site: Hexcel

Lab Sample No: 344671

Lab Job No: V499

Date Sampled: 04/17/02

Date Received: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02 Date Analyzed: 04/29/02 GC Column: DB-5 Instrument ID: BNAMS7.i

Lab File ID: 10555.d

Matrix: WATER Level: LOW

Sample Volume: 940 ml Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

| <u>Parameter</u>  | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---|--------------------------------------|---|
| Fluorene<br>N-Nitrosodiphenylamine                        | ND<br>ND                             | 0.6<br>0.6                                      |
| 4-Bromophenyl-phenylether<br>Hexachlorobenzene            | ND<br>ND                             | 2.0<br>1.2                                      |
| Phenanthrene  | ND                                   | 0.5   |
| Anthracene Di-n-butylphthalate                            | ND<br>ND                             | 0.4<br>0.4                                      |
| Fluoranthene  | ND                                   | 0.4   |
| Pyrene<br>Benzidine                                       | ND<br>ND                             | 0.4<br>26                                       |
| Butylbenzylphthalate                                      | ND                                   | 0.4   |
| 3,3'-Dichlorobenzidine Benzo(a)anthracene                 | ND<br>ND                             | $egin{array}{c} 1.4 \ 0.4 \end{array}$          |
| Chrysene  | ND                                   | 0.5   |
| <pre>bis(2-Ethylhexyl)phthalate Di-n-octylphthalate</pre> | 1.2B<br>ND                           | 0.5<br>0.1                                      |
| Benzo(b)fluoranthene<br>Benzo(k)fluoranthene              | ND<br>ND                             | 0.3<br>0.9                                      |
| Benzo(a)pyrene  | ND                                   | 0.9   |
| Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene              | ND<br>ND                             | 0.1<br>0.7                                      |
| Benzo(g,h,i)perylene                                      | ND                                   | 0.4   |
| Benzaldehyde  | ND                                   | 0.9   |

Client ID: Field Blank

Site: Hexcel

Lab Sample No: 344671 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02

Date Analyzed: 04/29/02 GC Column: DB-5

Instrument ID: BNAMS7.i Lab File ID: 10555.d

Matrix: WATER Level: LOW

Sample Volume: 940 ml

Extract Final Volume: 2.0 ml

Dilution Factor: 1.0

### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME                                  | RT | EST. CONC.<br>ug/l | Q     |
|--|----|--------------------|-------|
| 1. NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND 2. |    |                    | ===== |
| 4  |    |                    |       |
| 5.<br>6.<br>7.                                 |    |                    |       |
| 9  |    |                    |       |
| 10.<br>11.<br>12.                              |    |                    |       |
| 14.<br>15.                                     |    |                    |       |
| 16.<br>17.<br>18.                              |    |                    |       |
| 20.  |    |                    |       |
| 21.<br>22.<br>23                               |    |                    |       |
| 24.<br>25.<br>26.                              |    |                    |       |
| 28.<br>29.                                     |    |                    |       |
| 30   |    |                    |       |
| TOTAL ECTIMATED CONCE                          |    |                    |       |

TOTAL ESTIMATED CONCENTRATION

0.0

Lab Sample No: 344674 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02 Date Analyzed: 04/29/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10556.d

Matrix: WATER Level: LOW

Sample Volume: 1000 ml

Extract Final Volume: 2.0 ml

Dilution Factor: 10.0

| <u>Parameter</u>  | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: uq/l</u>   |
|---|--------------------------------------|---|
| Phenol 2-Chlorophenol 2-Nitrophenol 2,4-Dimethylphenol 2,4-Dichlorophenol 4-Chloro-3-methylphenol 2,4,6-Trichlorophenol 2,4-Dinitrophenol 4-Nitrophenol 4,6-Dinitro-2-methylphenol Pentachlorophenol N-Nitrosodimethylamine bis(2-Chloroethyl) ether 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene bis(2-chloroisopropyl) ether N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone bis(2-Chloroethoxy) methane 1,2,4-Trichlorobenzene Naphthalene Hexachlorocyclopentadiene 2-Chloronaphthalene Dimethylphthalate Acenaphthylene 2,6-Dinitrotoluene Acenaphthene 2,4-Dinitrotoluene Diethylphthalate | ND                                   | 3.1 14 12 15 21 20 16 3.8 7.8 13 12 6.2 6.0 7.6 8.0 8.3 5.0 12 8.6 7.5 22.2 6.4 7.6 6.3 11 17 8.0 5.4 5.8 4.0 5.7 2.5 4.3 |
| 4-Chlorophenyl-phenylether  | ND                                   | 8.4   |

Lab Sample No: 344674 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02 Matrix: WATER Level: LOW

Sample Volume: 1000 ml

Extract Final Volume: 2.0 ml

Dilution Factor: 10.0

Date Analyzed: 04/29/02 GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10556.d

| Dawamatay                  | Analytical Result  | Method Detection Limit |
|----------------------------|--------------------|------------------------|
| <u>Parameter</u>           | <u>Units: ug/l</u> | <u>Units: ug/l</u>     |
| Fluorene                   | ND                 | 6.1                    |
| N-Nitrosodiphenylamine     | ND                 | 5.2                    |
| 4-Bromophenyl-phenylether  | ND                 | 19                     |
| Hexachlorobenzene          | ND                 | 11                     |
| Phenanthrene               | ND                 | 4.9                    |
| Anthracene                 | ND                 | 4.2                    |
| Di-n-butylphthalate        | ND                 | 4.2                    |
| Fluoranthene               | ND                 | 4.1                    |
| Pyrene                     | ND                 | 4.2                    |
| Benzidine                  | ND                 | 250                    |
| Butylbenzylphthalate       | ND                 | 4.0                    |
| 3,3'-Dichlorobenzidine     | ND                 | 13                     |
| Benzo(a)anthracene         | ND                 | 3.8                    |
| Chrysene                   | ND                 | 4.9                    |
| bis(2-Ethylhexyl)phthalate | ND                 | 4.4                    |
| Di-n-octylphthalate        | ND                 | 1.3                    |
| Benzo(b) fluoranthene      | ND                 | 2.7                    |
| Benzo(k) fluoranthene      | ND                 | 8.2                    |
| Benzo(a) pyrene            | ND                 | 1.5                    |
| Indeno(1,2,3-cd)pyrene     | ND                 | 1.4                    |
| Dibenz(a,h)anthracene      | ND                 | 6.3                    |
| Benzo(g,h,i)perylene       | ND                 | 3.5                    |
| Benzaldehyde               | ND                 | 8.8                    |

Lab Sample No: 344674 Lab Job No: V499

Date Sampled: 04/17/02 Date Received: 04/17/02 Date Extracted: 04/18/02 Matrix: WATER Level: LOW

Date Analyzed: 04/29/02

Sample Volume: 1000 ml Extract Final Volume: 2.0 ml

Dilution Factor: 10.0

GC Column: DB-5 Instrument ID: BNAMS7.i Lab File ID: 10556.d

### SEMI-VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 625

| COMPOUND NAME  | RT   | EST. CONC.<br>ug/l | Q |
|--|--|--------------------|---|
| 1. Ethene, tetrachloro- 2. Benzene, chloro- 3. Xylene isomer 4. Ethylmethylbenzene isomer 5. Trimethylbenzene isomer 6. Trimethylbenzene isomer 7. Ethylmethylbenzene isomer 8. Trimethylbenzene isomer 9. Trimethylbenzene isomer 10. Unknown 11. C13H28 Alkane 12. Naphthalene, 2-methyl- 13. Naphthalene, 1-methyl- 14. C14H30 Alkane 15. C15H32 Alkane 16. Unknown 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. | 8.86 10.00 11.00 12.19 12.26 12.33 12.47 12.72 13.10 13.25 16.13 16.35 16.51 17.07 17.94 20.37 | 380                |   |

TOTAL ESTIMATED CONCENTRATION 3679

V499

05/30/2002

Haley & Aldrich, Inc. 150 Mineral Springs Drive Dover, NJ 07801

Attention: Ms. Sunila Gupta



STL Edison

777 New Durham Road Edison, NJ 08817

Tel: 732-549-3900 Fax: 732-549-3679 www.stl-inc.com

Laboratory Results Job No. W415 - Hexcel

Dear Ms. Gupta:

Enclosed are the results you requested for the following sample(s) received at our laboratory on May 14, 2002.

| Lab No. | Client ID       | Analysis Required |
|---------|-----------------|-------------------|
| 350126  | GPW-1           | PP VOA+10         |
| 350127  | GPW-2           | PP VOA+10         |
| 350128  | GPW-3           | PP VOA+10         |
| 350129  | GPW-4           | PP VOA+10         |
| 350130  | GPW-5           | PP VOA+10         |
| 350131  | G-3RA           | PP VOA+10         |
| 350132  | G-3RB           | PP VOA+10         |
| 350133  | Field_Blank     | PP VOA+10         |
| 350134  | Trip_Blank_MeOH | PP VOA+10         |





STL Edison 777 New Durham Road Edison, NJ 08817

Tel: 732-549-3900 Fax: 732-549-3679 www.stl-inc.com

Laboratory Results
Job No. W415 - Hexcel (cont'd)

Lab No.

Client ID

Analysis Required

350135

Trip\_Blank\_Water

PP VOA+10

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Deanna Doster, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban Laboratory Manager



# STL EDISON

777 New Durham Road Edison, New Jersey 08817

# **CHAIN OF CUSTODY / ANALYSIS REQUEST**

| Phone: (732) 549-3900 Fax: (732) 549-3679                  |                                       |                  |              |           |             |           |        |                             |            |             |        |         |             |        |               | PAGE OF        |
|--|---------------------------------------|------------------|--------------|-----------|-------------|-----------|--------|-----------------------------|------------|-------------|--------|---------|-------------|--------|---------------|----------------|
| Name ( for report and invoice )                            |                                       |                  | s Name (     |           |             |           |        | Site/Project Identification |            |             |        |         |             |        |               |                |
| Sunila Gupta   |                                       | Andrew Corenzer  |              |           |             | Hexcel    |        |                             |            |             |        |         |             |        |               |                |
| Company  | İ                                     | P.O.#            | U 20         |           |             |           |        | State                       |            |             |        | NJ:     | $X_{\perp}$ | NY:    | $\square_{-}$ | Other:         |
| Holey + Aldrich Inc.                                       |                                       | 20               | 629.         | -020      | <u>&gt;</u> |           |        | Regula                      | atory F    | Logis       | im:    |         |             |        |               |                |
| Address  |                                       |                  | urnaround 1  | Time      | L           | ANALY5    | S REQU | ESTED (E                    | NTER X     | BELOW       | TO IND | CATE RE | QUEST)      |        |               | LAB USE ONLÝ   |
| 150 Mineral Springs Drive                                  |                                       | Standard         |              |           |             | - [       | -      |                             | -          | -           | -      | - [     |             | - 1    |               | Project No:    |
| State Dover NJ 07801                                       | 1                                     |                  | ges Authoriz | ed For.   | - [         | 1.        |        |                             | 1          | -           |        | - [     |             | -1     | - {           | <b>/</b>       |
| Phone Fax  |                                       | 2 Week<br>1 Week | =            |           | 15          | 5/ 5      | ١٤     |                             | 1          | 1           | 1      | 1.      |             |        | 12            | Job No:        |
| 973 361 3600 973 361 3                                     | 208                                   | Other            | H            |           | PV04 41.2   | PPV0A +10 | -}     | 1                           | 1          |             | 1      |         |             |        | 1             | MAIZ           |
|  | T                                     |                  |              | No. of.   | 1≯          | 13        |        | 1                           | <i>[</i> . |             | 1      | /       | 1           | 1      | 1             | Sample         |
| Sample Identification                                      | Date                                  | Time             | Matrix       | Cont.     | F           | IA        |        | $\perp$                     | 1          |             |        |         |             | L      |               | Numbers        |
| GPW-1  | 5/13/02                               | 1430             | Woker        | 3         | X           |           |        |                             |            |             |        |         |             |        |               | 3501a6         |
| 6PW-Z  | Slisloz                               |                  | Water        | 3         | X           |           |        |                             |            |             |        |         |             |        |               | 350127         |
| GPW-3  | 5/13/0Z                               | 1330             | Water        | 3         | X           |           |        |                             |            |             |        |         |             |        |               | 350128         |
| 6PW-4  | 5/13/02                               | 1345             | Water        | 3         | X           |           |        |                             |            |             |        |         |             |        |               | 350 D9         |
| GPW-S  | 5/13/02                               | 1405             | Water        | 3         | X           |           |        |                             |            |             |        |         |             |        |               | 380130         |
| G-3RA  | 5/13/02                               | 0900             | SoliD        | Z         |             | X         |        |                             |            |             |        |         |             |        |               | B50 131        |
| G-3RB  | 5/13/02                               | 0905             | GIIOS        | 2         |             | X         |        |                             |            |             |        |         |             |        |               | 350132         |
| Field Blank FB   | 5/13/02                               | 1440             | Water        | Z         | X           |           |        |                             | ·          | _           |        |         |             |        |               | 350133         |
| Trip Blank T-B McOH  | 5/13/02                               |                  | SOLID        | 1         |             | $\times$  |        |                             |            |             |        |         |             |        |               | 7350134        |
| T-B  | 5/13/02                               |                  | Water        | Z         | $\times$    |           |        |                             |            |             |        |         |             |        |               | 350135         |
| Preservation Used: 1 = ICE, 2 = HCl, 3 = H <sub>2</sub> SC | ) <sub>4</sub> , 4 = HNO <sub>3</sub> | , 5 = Na         | OH           | Soil:     |             | 1,6       |        |                             |            |             |        |         |             |        |               |                |
| 6 = Other <u>McOH</u> , 7 =                                | Other                                 |                  |              | Water:    | Z           |           |        |                             |            |             |        |         |             |        |               |                |
| Special Instructions                                       |                                       |                  |              |           |             |           |        |                             |            |             |        | W       | ater M      | letals | Filtere       | d (Yes/No)? NO |
| Relinguished by Compa                                      | - •                                   |                  | Da           | te / Time | يرسر        | Recei     | ved b  | γ ,                         | o -        |             | 1      |         | Comp        | any    | a             |                |
| 1) Andrew Courses Hal                                      | ley+Aldr                              | ادل              | 5/14/0       | 2/10      | 00          | 1)        | E      | al X                        | sy         | M           | 1/1    | _       | 2           | SI     | رج            | ,              |
| Relinquished by Compa                                      | ıny                                   |                  | Da           | te / Time | 5           | Recei     |        | _                           | _          | >           |        |         | Comp        |        |               |                |
|  | L Edis                                |                  | 5/13/6       | 212       | . •         |           |        | ( Di                        | ) lfe      | nd          | en     |         |             |        | TZ            |                |
| Relinquished by Curriba                                    | Reynold                               | 5                | / / Da       | te / Time |             | Recei     | véd b  | У                           |            |             |        |         | Comp        | oany   |               |                |
| 3)   |                                       |                  |              | 1         |             | 3)        |        |                             |            | <del></del> |        |         |             |        |               |                |
| Relinquished by Compa                                      | iny                                   |                  | Da           | te / Time | :           | Recei     | ved b  | у                           |            |             |        |         | Comp        | рапу   |               |                |
| 4)   |                                       |                  | I            | 1         |             | 4)        |        |                             |            |             |        |         |             |        |               |                |

Pennsylvania (68-522),

Connecticut (PH-0200),

Rhode Island (132).

Laboratory Certifications:

New Jersey (12028),

New York (11452),

Client ID: GPW-1 Site: Hexcel

Lab Sample No: 350126 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f34902.d

| <u>Parameter</u>                   | Analytical Result<br><u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|------------------------------------|---|---|
| Chloromethane                      | ND                                      | 0.4   |
| Bromomethane                       | ND-2                                    | 0.3   |
| Vinyl Chloride                     | ND                                      | 0.3   |
| Chloroethane<br>Methylene Chloride | ND<br>ND                                | 0.5   |
| Trichlorofluoromethane             | ND                                      | 0.9   |
| 1,1-Dichloroethene                 | ND<br>ND                                | 0.4<br>0.3                                      |
| 1,1-Dichloroethane                 | ND                                      | 0.3   |
| trans-1,2-Dichloroethene           | ND<br>ND                                | 0.3   |
| cis-1,2-Dichloroethene             | ND<br>ND                                | 0.2   |
| Chloroform                         | ND                                      | 0.3   |
| 1,2-Dichloroethane                 | ND<br>ND                                | 0.4   |
| 1,1,1-Trichloroethane              | 0.5                                     | 0.3   |
| Carbon Tetrachloride               | ND                                      | 0.3   |
| Bromodichloromethane               | ND                                      | 0.2   |
| 1,2-Dichloropropane                | ND                                      | 0.4   |
| cis-1,3-Dichloropropene            | ND                                      | 0.3   |
| Trichloroethene                    | ND                                      | 0.1   |
| Dibromochloromethane               | ND                                      | 0.3   |
| 1,1,2-Trichloroethane              | ND                                      | 0.3   |
| Benzene                            | ND                                      | 0.3   |
| trans-1,3-Dichloropropene          | ND                                      | 0.3   |
| 2-Chloroethyl Vinyl Ether          | ND                                      | 0.5   |
| Bromoform                          | ND                                      | 0.3   |
| Tetrachloroethene                  | ND                                      | 0.2   |
| 1,1,2,2-Tetrachloroethane          | ND                                      | 0.3   |
| Toluene                            | ND                                      | 0.2   |
| Chlorobenzene                      | ND                                      | 0.2   |
| Ethylbenzene<br>Xylene (Total)     | ND<br>ND                                | 0.2<br>0.2                                      |

Client ID: GPW-1 Site: Hexcel

Lab Sample No: 350126 Lab Job Ño: W415

Date Sampled: 05/13/02
Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

Lab File ID: f34902.d

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                           | RT        | EST. CONC.  | Q           |
|---|-----------|-------------|-------------|
|   |           | ug/l        | ~           |
| ======================================= | a   ===== |             | ====        |
| 1NO VOLATILE ORGANIC COMPOUNDS FOUND    |           |             |             |
| 2.                                      | _         |             |             |
| 3.                                      |           |             |             |
| 4                                       |           |             |             |
| 5                                       |           |             |             |
| 6.                                      | -         |             |             |
| · ·                                     |           | <del></del> |             |
| 8.<br>9.                                | -         |             |             |
| 10.                                     |           |             |             |
| 11.                                     |           |             |             |
| 12.                                     |           |             |             |
| 13                                      |           |             |             |
| 1 14                                    |           |             |             |
| 15.                                     |           |             |             |
| 16.                                     | _         |             | ļ           |
| <u> </u>                                | -         |             |             |
| 10.                                     | -         |             |             |
| <del></del>                             |           |             |             |
| 20.                                     | -         |             |             |
| 22.                                     | -         |             | <del></del> |
| 23.                                     |           |             |             |
| 24.                                     |           |             |             |
| 25.                                     |           |             |             |
| 20.                                     |           |             |             |
|   | -         |             | <b></b>     |
|   | -         |             |             |
| 23.                                     | _         |             |             |
| 30                                      | -         |             |             |
|   | _ 1       | 1           | 1           |
|   |           |             | 1           |
| TOTAL ESTIMATED CONC                    | ENTRATION | 0.0         |             |
| · ·                                     |           | 1           | 1           |

Client ID: GPW-2 Site: Hexcel

Lab Sample No: 350127 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34903.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

| <u>Parameter</u>          | Analytical Result Units: ug/l | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|-------------------------------|---|
| Chloromethane             | ND                            | 0.4   |
| Bromomethane              | ND-40                         | 0.3   |
| Vinyl Chloride            | 7.6                           | 0.3   |
| Chloroethane              | ND                            | 0.5   |
| Methylene Chloride        | ND                            | 0.9   |
| Trichlorofluoromethane    | ND                            | 0.4   |
| 1,1-Dichloroethene        | ND                            | 0.3   |
| 1,1-Dichloroethane        | 0.9                           | 0.3   |
| trans-1,2-Dichloroethene  | 0.6                           | 0.2   |
| cis-1,2-Dichloroethene    | 50                            | 0.3   |
| Chloroform                | ND                            | 0.2   |
| 1,2-Dichloroethane        | ND                            | 0.4   |
| 1,1,1-Trichloroethane     | ND                            | 0.3   |
| Carbon Tetrachloride      | ND                            | 0.3   |
| Bromodichloromethane      | ND                            | 0.2   |
| 1,2-Dichloropropane       | ND                            | 0.4   |
| cis-1,3-Dichloropropene   | ND                            | 0.3   |
| Trichloroethene           | 0.5                           | 0.1   |
| Dibromochloromethane      | ND                            | 0.3   |
| 1,1,2-Trichloroethane     | ND                            | 0.3   |
| Benzene                   | ND                            | 0.3   |
| trans-1,3-Dichloropropene | ND                            | 0.3   |
| 2-Chloroethyl Vinyl Ether | ND                            | 0.5   |
| Bromoform                 | ND                            | 0.3   |
| Tetrachloroethene         | 0.3                           | 0.2   |
| 1,1,2,2-Tetrachloroethane | ND                            | 0.3   |
| Toluene                   | ND                            | 0.2   |
| Chlorobenzene             | ND                            | 0.2   |
| Ethylbenzene              | ND                            | 0.2   |
| Xylene (Total)            | ND                            | 0.2   |

Client ID: GPW-2 Site: Hexcel

Lab Sample No: 350127 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624

Matrix: WATER Level: LOW

Instrument ID: VOAMS6.i

Purge Volume: 5.0 ml Dilution Factor: 1.0

Lab File ID: f34903.d

#### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME  | RT | EST. CONC.<br>ug/l | Q |
|--|----|--------------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. |    | ug/l               | ~ |
| 24. 25. 26. 27. 28. 29.  |    |                    |   |

TOTAL ESTIMATED CONCENTRATION

0.0

Lab Sample No: 350128 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 Matrix: WATER Level: LOW

GC Column: DB624
Instrument ID: VOAMS6.i

Purge Volume: 5.0 ml Dilution Factor: 25.0

Lab File ID: f34904.d

| <u>Parameter</u>          | Analytical Result Units: ug/l | Method Detection<br>Limit<br>Units: ug/l |
|---------------------------|-------------------------------|--|
| Chloromethane             | ND                            | 11                                       |
| Bromomethane              | $ND^{-1.2}$                   | 8.0                                      |
| Vinyl Chloride            | ND                            | 7.2                                      |
| Chloroethane              | ND                            | 12                                       |
| Methylene Chloride        | ND                            | 22                                       |
| Trichlorofluoromethane    | ND                            | 10                                       |
| 1,1-Dichloroethene        | ND                            | 7.2                                      |
| 1,1-Dichloroethane        | 14                            | 6.8                                      |
| trans-1,2-Dichloroethene  | . 13                          | 5.8                                      |
| cis-1,2-Dichloroethene    | 2900                          | 7.8                                      |
| Chloroform                | ND                            | 6.2                                      |
| 1,2-Dichloroethane        | ND                            | 9.0                                      |
| 1,1,1-Trichloroethane     | ND                            | 6.5                                      |
| Carbon Tetrachloride      | ND                            | 7.5                                      |
| Bromodichloromethane      | ND                            | 5.0                                      |
| 1,2-Dichloropropane       | ND                            | 8.8                                      |
| cis-1,3-Dichloropropene   | ND                            | 7.5                                      |
| Trichloroethene           | 7.4                           | 3.0                                      |
| Dibromochloromethane      | ND                            | 6.8                                      |
| 1,1,2-Trichloroethane     | ND                            | 7.0                                      |
| Benzene                   | ND                            | 7.2                                      |
| trans-1,3-Dichloropropene | ND                            | 7.0                                      |
| 2-Chloroethyl Vinyl Ether | ND                            | 12                                       |
| Bromoform                 | , ND                          | 7.2                                      |
| Tetrachloroethene         | ND                            | 6.0                                      |
| 1,1,2,2-Tetrachloroethane | ND                            | 7.8                                      |
| Toluene                   | ND                            | 6.0                                      |
| Chlorobenzene             | 16                            | 5.2                                      |
| Ethylbenzene              | ND                            | 3.8                                      |
| Xylene (Total)            | ND                            | 4.5                                      |

Date Sampled: 05/13/02 Date Received: 05/14/02

Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34904.d

Lab Sample No: 350128 Lab Job No: W415

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 25.0

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                                   | RT | EST. CONC. | · Q |
|---|----|------------|-----|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND 2. 3. 4. |    |            |     |
| 6.<br>7.<br>8.<br>9.                            |    |            |     |
| 11.<br>12.<br>13.<br>14.                        |    |            |     |
| 15.<br>16.<br>17.<br>18.<br>19.                 |    |            |     |
| 21.<br>22.<br>23.<br>24.                        |    |            |     |
| 25.<br>26.<br>27.<br>28.                        |    |            |     |
| 29.<br>30.                                      |    |            |     |

TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: GPW-4 Site: Hexcel

Lab Sample No: 350129 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i

Matrix: WATER Level: LOW

Lab File ID: f34905.d

Purge Volume: 5.0 ml Dilution Factor: 100.0

| <u>Parameter</u>          | Analytical Result<br><u>Units: uq/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|---------------------------|---|---|
| Chloromethane             | ND                                      | 43  |
| Bromomethane              | ND 🕮                                    | 32  |
| Vinyl Chloride            | ND                                      | 29  |
| Chloroethane              | ND                                      | 48  |
| Methylene Chloride        | ND                                      | 88  |
| Trichlorofluoromethane    | ND                                      | 41  |
| 1,1-Dichloroethene        | ND                                      | 29  |
| 1,1-Dichloroethane        | 82                                      | 27  |
| trans-1,2-Dichloroethene  | ND .                                    | 23  |
| cis-1,2-Dichloroethene    | 9200                                    | 31  |
| Chloroform                | ND                                      | 25  |
| 1,2-Dichloroethane        | ND                                      | 36  |
| 1,1,1-Trichloroethane     | ND                                      | 26  |
| Carbon Tetrachloride      | ND                                      | 30  |
| Bromodichloromethane      | ND                                      | 20  |
| 1,2-Dichloropropane       | ND                                      | 35  |
| cis-1,3-Dichloropropene   | ND                                      | 30  |
| Trichloroethene           | ND                                      | 12  |
| Dibromochloromethane      | ND                                      | 27  |
| 1,1,2-Trichloroethane     | ND                                      | 28  |
| Benzene                   | ND                                      | 29  |
| trans-1,3-Dichloropropene | ND                                      | 28  |
| 2-Chloroethyl Vinyl Ether | ND                                      | 47  |
| Bromoform                 | ND                                      | 29  |
| Tetrachloroethene         | ND                                      | 24  |
| 1,1,2,2-Tetrachloroethane | ND                                      | 31  |
| Toluene                   | ND                                      | 24  |
| Chlorobenzene             | NĎ                                      | 21  |
| Ethylbenzene              | ND                                      | 15  |
| Xylene (Total)            | ND .                                    | 18  |

Client ID: GPW-4 Site: Hexcel

Lab Sample No: 350129 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34905.d

Matrix: WATER Level: LOW Purge Volume: 5.0 ml Dilution Factor: 100.0

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                              | RT | EST. CONC. | Q |
|--|----|------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND  2. |    |            |   |
| 4.<br>5.                                   |    |            |   |
| 6.<br>7.<br>8.<br>9.                       |    |            |   |
| 11.<br>12.                                 |    |            |   |
| 14.<br>15.                                 |    |            |   |
| 17   |    |            |   |
| 19.<br>20.<br>21.<br>22.                   |    |            |   |
| 24.<br>25.                                 |    |            |   |
| 26.<br>27.<br>28.                          |    |            |   |
| 29.<br>30.                                 |    |            |   |

TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: GPW-5 Site: Hexcel

Lab Sample No: 350130 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34908.d

| <u>Parameter</u>                       | Analytical Result <u>Units: ug/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|--|--------------------------------------|---|
| Chloromethane                          | ND                                   | 0.4   |
| Bromomethane                           | ND-03                                | 0.3   |
| Vinyl Chloride                         | ND                                   | 0.3   |
| Chloroethane                           | ND                                   | 0.5   |
| Methylene Chloride                     | ND                                   | 0.9   |
| Trichlorofluoromethane                 | ND                                   | 0.4   |
| 1,1-Dichloroethene                     | ND                                   | 0.3   |
| 1,1-Dichloroethane                     | ND                                   | 0.3   |
| trans-1,2-Dichloroethene               | ND                                   | 0.2   |
| cis-1,2-Dichloroethene                 | ND                                   | 0.3   |
| Chloroform                             | ND                                   | 0.2   |
| 1,2-Dichloroethane                     | ND                                   | 0.4   |
| 1,1,1-Trichloroethane                  | 2.9                                  | 0.3   |
| Carbon Tetrachloride                   | ND                                   | 0.3   |
| Bromodichloromethane                   | ND                                   | 0.2   |
| 1,2-Dichloropropane                    | ND                                   | 0.4   |
| cis-1,3-Dichloropropene                | ND                                   | 0.3   |
| Trichloroethene                        | ND                                   | 0.1   |
| Dibromochloromethane                   | ND                                   | 0.3   |
| 1,1,2-Trichloroethane                  | ND                                   | 0.3   |
| Benzene                                | ND                                   | 0.3   |
| trans-1,3-Dichloropropene              | ND                                   | 0.3   |
| 2-Chloroethyl Vinyl Ether<br>Bromoform | ND                                   | 0.5   |
| Tetrachloroethene                      | ND                                   | 0.3   |
| 1,1,2,2-Tetrachloroethane              | ND<br>ND                             | 0.2   |
| Toluene                                | ND                                   | 0.3   |
| Chlorobenzene                          | ND<br>ND                             | 0.2   |
| Ethylbenzene                           | ND                                   | 0.2   |
| Xylene (Total)                         | ND                                   | 0.2   |
| Myrone (rocar)                         | מא                                   | 0.2   |

Client ID: GPW-5 Site: Hexcel

Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34908.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

Lab Sample No: 350130

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME  | RT      | EST. CONC. ug/l | Q        |
|--|---------|-----------------|----------|
| 4 NO VOLANTI P ORGANIZ COMPONING FORIN   | ======= |                 | ====     |
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| 5.   |         |                 |          |
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| 8  |         |                 |          |
| 9.   |         |                 |          |
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Client ID: G-3RA Site: Hexcel

Lab Sample No: 350131 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/15/02 Matrix: SOIL Level: HIGH

GC Column: DB624
Instrument ID: VOAMS9.i

Sample Weight: 10.9 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

Lab File ID: k25607.d

% Moisture: 14

|                           | Analytical Results<br>Units: ug/kg | Quantitation<br>Limit |
|---------------------------|------------------------------------|-----------------------|
| Parameter                 | (Dry Weight)                       | <u>Units: ug/kg</u>   |
| Chloromethane             | ND -                               | 670                   |
| Bromomethane              | ND-03                              | 670                   |
| Vinyl Chloride            | ND                                 | 670                   |
| Chloroethane              | ND                                 | 670                   |
| Methylene Chloride        | ND                                 | 400                   |
| Trichlorofluoromethane    | ND                                 | 670                   |
| 1,1-Dichloroethene        | ND                                 | 270                   |
| 1,1-Dichloroethane        | ND                                 | 670                   |
| trans-1,2-Dichloroethene  | ND                                 | 670                   |
| cis-1,2-Dichloroethene    | ND                                 | 670                   |
| Chloroform                | ND                                 | 670                   |
| 1,2-Dichloroethane        | ND                                 | 270                   |
| 1,1,1-Trichloroethane     | ND                                 | 670                   |
| Carbon Tetrachloride      | ND                                 | 270                   |
| Bromodichloromethane      | ND                                 | 130                   |
| 1,2-Dichloropropane       | ND                                 | 130                   |
| cis-1,3-Dichloropropene   | ND                                 | 670                   |
| Trichloroethene           | ND                                 | 130                   |
| Dibromochloromethane      | ND                                 | 670                   |
| 1,1,2-Trichloroethane     | ND                                 | 400                   |
| Benzene                   | ND                                 | 130                   |
| trans-1,3-Dichloropropene | ND                                 | 670                   |
| 2-Chloroethyl Vinyl Ether | ND                                 | 670                   |
| Bromoform                 | ND                                 | 530                   |
| Tetrachloroethene         | ND                                 | 130                   |
| 1,1,2,2-Tetrachloroethane | ND                                 | 130                   |
| Toluene                   | ND                                 | 670                   |
| Chlorobenzene             | ND                                 | 670                   |
| Ethylbenzene              | ND                                 | 530                   |
| Xylene (Total)            | ND                                 | 670                   |

Client ID: G-3RA Site: Hexcel

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/15/02 GC Column: DB624 Instrument ID: VOAMS9.i

Lab File ID: k25607.d

Lab Sample No: 350131 Lab Job No: W415

Matrix: SOIL Level: HIGH

Sample Weight: 10.9 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

% Moisture: 14.2

# VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 8260B

| COMPOUND NAME                          | RT                    | EST. CONC.<br>ug/kg | ~ |
|--|-----------------------|---------------------|---|
| L. NO VOLATILE ORGANIC COMPOUNDS FOUND |                       |                     |   |
| 2.                                     |                       |                     |   |
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| 3.                                     |                       |                     |   |
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TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: G-3RB Site: Hexcel

Lab Sample No: 350132

Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/15/02 Matrix: SOIL Level: HIGH

Sample Weight: 11.5 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

GC Column: DB624
Instrument ID: VOAMS9.i Lab File ID: k25608.d

% Moisture: 16

| <u>Parameter</u>          | Analytical Results<br>Units: ug/kg<br>(Dry Weight) | Quantitation<br>Limit<br><u>Units: uq/kq</u> |
|---------------------------|--|--|
| Chloromethane             | ND   | 650  |
| Bromomethane              | ND- $1.2$  | 650  |
| Vinyl Chloride            | ND   | 650  |
| Chloroethane              | ND   | 650  |
| Methylene Chloride        | ND   | 390  |
| Trichlorofluoromethane    | ND   | 650  |
| 1,1-Dichloroethene        | ND   | 260  |
| 1,1-Dichloroethane        | ND   | 650  |
| trans-1,2-Dichloroethene  | ND   | 650  |
| cis-1,2-Dichloroethene    | ND   | 650  |
| Chloroform                | ND   | 650  |
| 1,2-Dichloroethane        | ND   | 260·   |
| 1,1,1-Trichloroethane     | ND   | 650  |
| Carbon Tetrachloride      | ND   | 260  |
| Bromodichloromethane      | ND   | 130  |
| 1,2-Dichloropropane       | ND   | 130  |
| cis-1,3-Dichloropropene   | ND   | 650  |
| Trichloroethene           | ND   | 130  |
| Dibromochloromethane      | ND   | 650  |
| 1,1,2-Trichloroethane     | ND   | 390  |
| Benzene                   | ND   | 130  |
| trans-1,3-Dichloropropene | ND   | 650  |
| 2-Chloroethyl Vinyl Ether | ND   | 650  |
| Bromoform                 | ND   | 520  |
| Tetrachloroethene         | ND   | 130  |
| 1,1,2,2-Tetrachloroethane | ND   | 130  |
| Toluene                   | ND   | 650  |
| Chlorobenzene             | ND   | 650  |
| Ethylbenzene              | ND .   | 520  |
| Xylene (Total)            | ND   | 650  |

Client ID: G-3RB Site: Hexcel

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/15/02

GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k25608.d

Lab Sample No: 350132 Lab Job No: W415

Matrix: SOIL Level: HIGH

Sample Weight: 11.5 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

% Moisture: 16.3

### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 8260B

| COMPOUND NAME                          | RT                  | EST. CONC.<br>ug/kg | C           |
|--|---------------------|---------------------|-------------|
| L. NO VOLATILE ORGANIC COMPOUNDS FOUND | = = = = = = = = =   | ===============     | ===         |
| 2                                      | ~                   |                     |             |
| 3.                                     |                     |                     |             |
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TOTAL ESTIMATED CONCENTRATION

Client ID: Field Blank

Site: Hexcel

Lab Sample No: 350133

Lab Job No: W415

Matrix: WATER

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34909.d

Level: LOW Purge Volume: 5.0 ml Dilution Factor: 1.0

#### VOLATILE ORGANICS - GC/MS METHOD 624

|  | Analytical Result | Method Detection<br>Limit |
|--|-------------------|---------------------------|
| <u>Parameter</u>                       | Units: uq/l       | Units: uq/l               |
| Chloromethane                          | ND                | 0.4                       |
| Bromomethane                           | ND 🔩              | 0.3                       |
| Vinyl Chloride                         | ND                | 0.3                       |
| Chloroethañe                           | ND                | 0.5                       |
| Methylene Chloride                     | 1.3               | 0.9                       |
| Trichlorofluoromethane                 | ND                | 0.4                       |
| 1,1-Dichloroethene                     | ND                | 0.3                       |
| 1,1-Dichloroethane                     | ND                | 0.3                       |
| trans-1,2-Dichloroethene               | , <b>N</b> D      | 0.2                       |
| cis-1,2-Dichloroethene                 | ND                | 0.3                       |
| Chloroform                             | ND                | 0.2                       |
| 1,2-Dichloroethane                     | ND                | 0.4                       |
| 1,1,1-Trichloroethane                  | ND                | 0.3                       |
| Carbon Tetrachloride                   | ND                | 0.3                       |
| Bromodichloromethane                   | ND                | 0.2                       |
| 1,2-Dichloropropane                    | ND                | 0.4                       |
| cis-1,3-Dichloropropene                | ND                | 0.3                       |
| Trichloroethene                        | ND                | 0.1                       |
| Dibromochloromethane                   | ND                | 0.3                       |
| 1,1,2-Trichloroethane                  | ND                | 0.3                       |
| Benzene                                | ND                | 0.3                       |
| trans-1,3-Dichloropropene              | ND<br>ND          | 0.3                       |
| 2-Chloroethyl Vinyl Ether<br>Bromoform | ND<br>ND          | 0.5                       |
| Tetrachloroethene                      | ND                | 0.3<br>0.2                |
| 1,1,2,2-Tetrachloroethane              | ND                | 0.2                       |
| Toluene                                | ND                | 0.3                       |
| Chlorobenzene                          | ND                | 0.2                       |
| Ethylbenzene                           | ND<br>ND          | 0.2                       |
| Xylene (Total)                         | ND                | 0.2                       |

Client ID: Field Blank

Site: Hexcel

Lab Sample No: 350133 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34909.d

Matrix: WATER Level: LOW

Purge Volume: 5.0 ml Dilution Factor: 1.0

#### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                          | RT | EST. CONC.<br>ug/l | Q        |
|--|----|--------------------|----------|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND |    |                    |          |
|  | _  |                    |          |
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TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: Trip\_Blank\_MeOH

Site: Hexcel

Lab Sample No: 350134

Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS9.i

Lab File ID: k25627.d

Matrix: SOIL Level: HIGH

Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

% Moisture: 0

#### VOLATILE ORGANICS - GC/MS METHOD 8260B

|                           | Analytical Results<br>Units: ug/kg | Quantitation<br>Limit |
|---------------------------|------------------------------------|-----------------------|
| <u>Parameter</u>          | •,                                 | <u>Units: uq/kq</u>   |
| Chloromethane             | ND                                 | 620                   |
| Bromomethane              | ND 🐇                               | 620                   |
| Vinyl Chloride            | ND                                 | 620                   |
| Chloroethane              | ND                                 | 620                   |
| Methylene Chloride        | ND                                 | 380                   |
| Trichlorofluoromethane    | ND                                 | 620                   |
| 1,1-Dichloroethene        | ND                                 | 250                   |
| 1,1-Dichloroethane        | ND                                 | 620                   |
| trans-1,2-Dichloroethene  | ND ,                               | 620                   |
| cis-1,2-Dichloroethene    | ND                                 | 620                   |
| Chloroform                | ND                                 | 620                   |
| 1,2-Dichloroethane        | ND                                 | 250                   |
| 1,1,1-Trichloroethane     | ND                                 | 620                   |
| Carbon Tetrachloride      | ND                                 | 250                   |
| Bromodichloromethane      | ND                                 | 120                   |
| 1,2-Dichloropropane       | ND                                 | 120                   |
| cis-1,3-Dichloropropene   | ND                                 | 620                   |
| Trichloroethene           | ND                                 | 120                   |
| Dibromochloromethane      | ND                                 | 620                   |
| 1,1,2-Trichloroethane     | ND                                 | 380                   |
| Benzene                   | ND                                 | 120                   |
| trans-1,3-Dichloropropene | ND                                 | 620                   |
| 2-Chloroethyl Vinyl Ether | ND                                 | 620                   |
| Bromoform                 | ND                                 | 500                   |
| Tetrachloroethene         | ND                                 | 120                   |
| 1,1,2,2-Tetrachloroethane | ND                                 | 120                   |
| Toluene                   | ND                                 | 620                   |
| Chlorobenzene             | ND                                 | 620                   |
| Ethylbenzene              | ND                                 | 500                   |
| Xylene (Total)            | ND                                 | 620                   |

Client ID: Trip\_Blank\_MeOH

Site: Hexcel

Lab Sample No: 350134 Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02

GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k25627.d

Matrix: SOIL Level: HIGH

Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0

% Moisture: 0.0

#### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 8260B

| COMPOUND NAME   | RT | EST. CONC.<br>ug/kg | Q |
|---|----|---------------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND  2.  3.  4.  5.  6.  7.  8.  9.  10.  11.  12.  13.  14.  15.  16. |    | ug/kg               |   |
| 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.   |    |                     |   |

TOTAL ESTIMATED CONCENTRATION

0.0

Client ID: Trip\_Blank\_Water

Site: Hexcel

Lab Sample No: 350135

Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02 Date Analyzed: 05/16/02 GC Column: DB624 Instrument ID: VOAMS6.i Lab File ID: f34910.d

Matrix: WATER

Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

#### VOLATILE ORGANICS - GC/MS METHOD 624

| <u>Parameter</u>               | Analytical Result <u>Units: uq/l</u> | Method Detection<br>Limit<br><u>Units: ug/l</u> |
|--------------------------------|--------------------------------------|---|
| Chloromethane                  | ND                                   | 0.4   |
| Bromomethane                   | ND 🐇                                 | 0.3   |
| Vinyl Chloride                 | ND                                   | 0.3   |
| Chloroethane                   | ND                                   | 0.5   |
| Methylene Chloride             | ND                                   | 0.9   |
| Trichlorofluoromethane         | ND                                   | 0.4   |
| 1,1-Dichloroethene             | ND                                   | 0.3   |
| 1,1-Dichloroethane             | ND                                   | 0.3   |
| trans-1,2-Dichloroethene       | ND                                   | 0.2   |
| cis-1,2-Dichloroethene         | ND                                   | 0.3   |
| Chloroform                     | ND                                   | 0.2   |
| 1,2-Dichloroethane             | ND                                   | 0.4   |
| 1,1,1-Trichloroethane          | ND                                   | 0.3   |
| Carbon Tetrachloride           | ND                                   | 0.3   |
| Bromodichloromethane           | ND                                   | 0.2   |
| 1,2-Dichloropropane            | ND                                   | 0.4   |
| cis-1,3-Dichloropropene        | ND                                   | 0.3   |
| Trichloroethene                | ND                                   | 0.1   |
| Dibromochloromethane           | ND                                   | 0.3   |
| 1,1,2-Trichloroethane          | ND                                   | 0.3   |
| Benzene                        | ND                                   | 0.3   |
| trans-1,3-Dichloropropene      | ND                                   | 0.3   |
| 2-Chloroethyl Vinyl Ether      | ND                                   | 0.5   |
| Bromoform                      | ND                                   | 0.3   |
| Tetrachloroethene              | ND                                   | 0.2   |
| 1,1,2,2-Tetrachloroethane      | ND                                   | 0.3   |
| Toluene                        | ND                                   | 0.2   |
| Chlorobenzene                  | ND                                   | 0.2   |
| Ethylbenzene<br>Xylene (Total) | ND<br>ND                             | 0.2<br>0.2                                      |
| • '                            |                                      |   |

Client ID: Trip\_Blank\_Water

Site: Hexcel

Lab Sample No: 350135

Lab Job No: W415

Date Sampled: 05/13/02 Date Received: 05/14/02

Date Analyzed: 05/16/02

GC Column: DB624
Instrument ID: VOAMS6.i
Lab File ID: f34910.d

Matrix: WATER

Level: LOW Purge Volume: 5.0 ml Dilution Factor: 1.0

#### VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS METHOD 624

| COMPOUND NAME                            | RT | EST. CONC.<br>ug/l | Q |
|--|----|--------------------|---|
| 1. NO VOLATILE ORGANIC COMPOUNDS FOUND2. |    |                    |   |
| 3 .<br>4 .<br>5 .<br>6 .                 |    |                    |   |
| 8.<br>9.                                 |    |                    |   |
| 11.                                      |    |                    |   |
| 14.<br>15.<br>16.                        |    |                    |   |
| 17.<br>18.<br>19.                        |    |                    |   |
| 20.<br>21.<br>22.<br>23.                 |    |                    |   |
| 25.<br>26.                               |    |                    |   |
| 28.<br>29.                               |    |                    |   |
| 30.                                      |    |                    |   |

TOTAL ESTIMATED CONCENTRATION

0.0

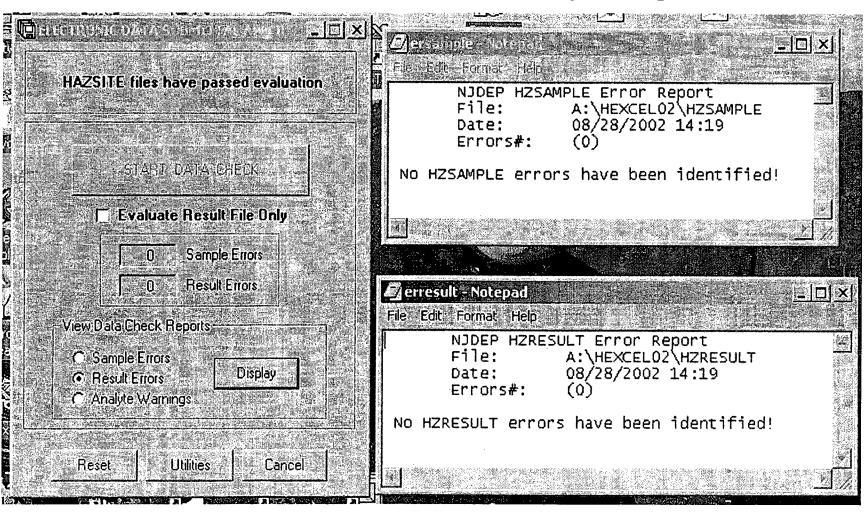
#### APPENDIX C

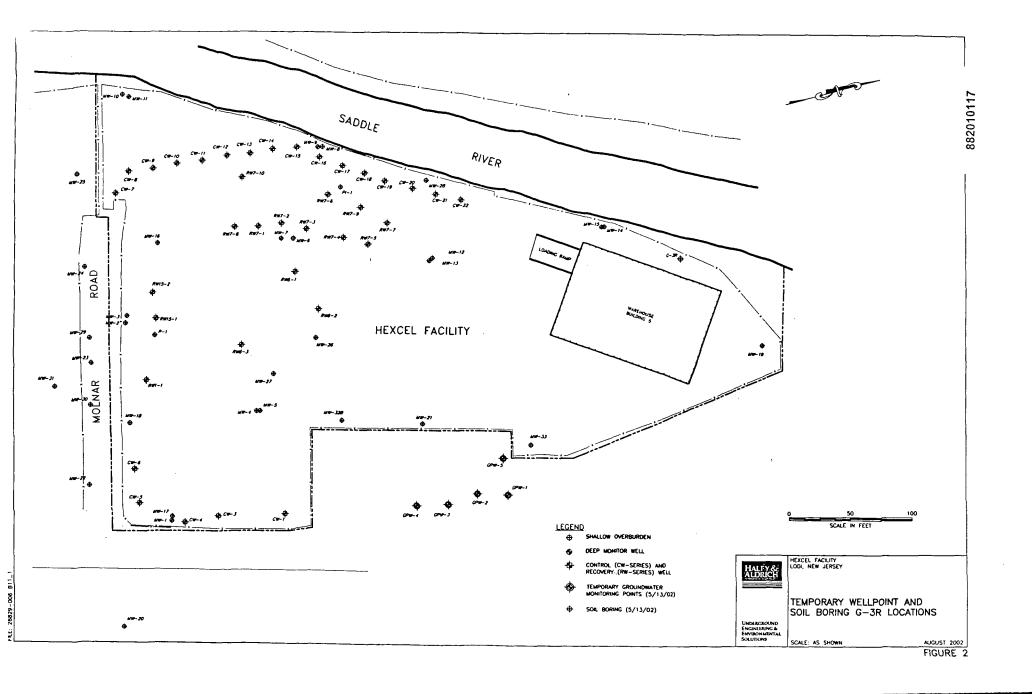
EDD Diskette (NJDEP-original only) and EDSA Check Print-Out

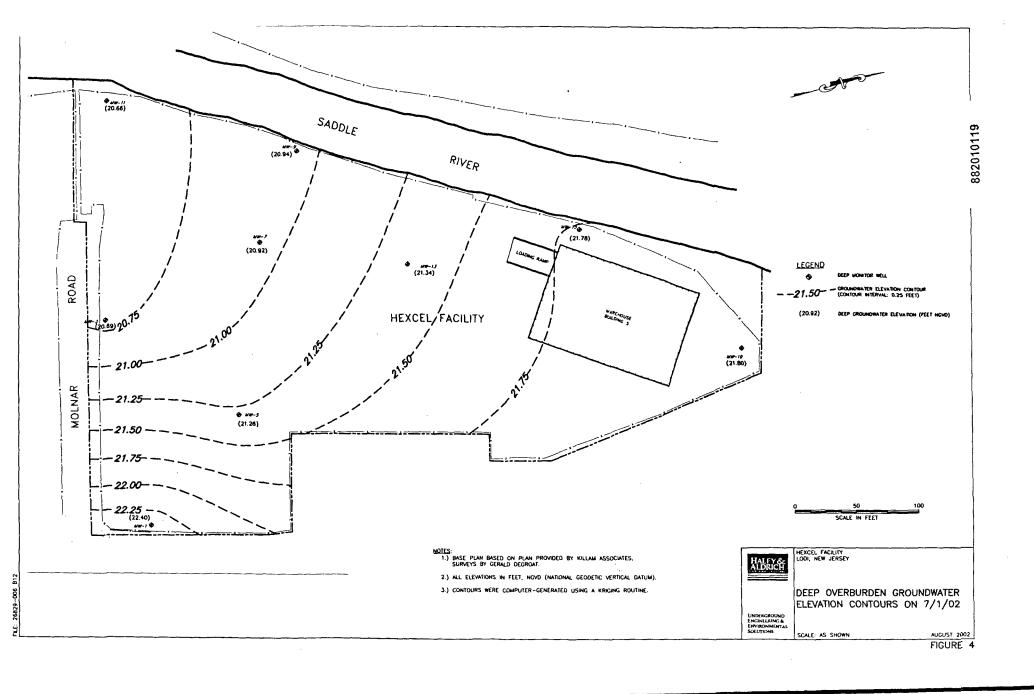


# Hexcel Corporation (SRPID E86009) Electronic Deliverables Submission Checked with EDSA Version 5.00.001

Data Submitted with August 2002 Progress Report







UNDERGROUND **ENGINEERING & ENVIRONMENTAL** SOLUTIONS

Haley & Aldrich, Inc. 150 Mineral Spring Drive Dover, NJ 07801-1635 Tel: 973.361.3600 Fax: 973.361.3800 www.HaleyAldrich.com



28 August 2002 File No. 28629-001

New Jersey Department of Environmental Protection Bureau of Environmental Evaluation and Cleanup Responsibility Assessment P.O. Box 432 Received 9/3/00

401 East State Street Trenton, NJ 08625

Attention:

Joseph J. Nowak

Subject:

Progress Report **Hexcel Corporation** 

Lodi Borough, Bergen County, New Jersey

ISRA Case No. E86009

Dear Mr. Nowak:

On behalf of Hexcel Corp. (Hexcel), we provide this progress report to discuss project status, results and evaluation of the completed, on-going and future activities. Hexcel is awaiting NJDEP's response and comments to the 31 May 2002 Remedial Action Workplan Addendum (May 2002 RAWA). In the interim, Hexcel is moving forward with activities previously approved by the NJDEP in its 20 November 2001 response to the November 1999 RAWA. The following topics are discussed in this progress report:

- 1) Industrial Sewer Investigation Update
- 2) Groundwater Testing Results Along Saddle River/ Proposed Surface Water Sampling Parameters
  - a) Priority Pollutant Metals
  - b) Semi-Volatile Organics
- 3) Horizontal Delineation for Volatile Organics
  - a) Groundwater Quality Along Eastern Property Boundary and Main Street
  - b) Re-sampling at location G-3
- 4) Groundwater Elevation/DNAPL/LNAPL Monitoring and Product Recovery
- Data Deliverables
- Status Update

#### INDUSTRIAL SEWER INVESTIGATION UPDATE

Hexcel recently completed sampling activities related to the industrial sewer present on Hexcel and Nappwood Land Corp. (Napp) properties. The sampling activities were

#### **OFFICES**

Boston Massachusetts

Cleveland Ohio

Dayton Ohio

Denver Colorado

Detroit Michigan

Hartford Connecticut

Los Angeles California

Manchester New Hampshire

**Portland** Maine

Rochester New York

San Diego California

Tucson Arizona

Washington District of Columbia New Jersey Department of Environmental Protection 28 August 2002 Page 2 of 8

scheduled to coincide with Napp's plan to conduct its own test-pits along the industrial sewer. A total of ten pits were excavated on Hexcel's property along the industrial sewer. A total of 5 test-pits (3 by Napp and 2 by Hexcel) were excavated on Napp's property along the industrial sewer. Figure 1 shows the test pit locations and the manholes along the industrial sewer.

Hexcel discovered a previously unknown manhole on Napp property, close to Molnar Road. This manhole was located during the excavation of test-pit location TP-11HEX (refer to Figure 1). The top of the manhole was approximately 2 feet below grade and the manhole was paved over. The location of this manhole indicates the possibility of a tie-in into the industrial sewer from Napp property at this location.

We are currently awaiting the final laboratory packages for the sampling conducted. Hexcel will evaluate the results of the chemical analyses and provide the same in the next progress report to the NJDEP. Additionally, Hexcel will be sharing the sewer investigation data with Napp and expects to meet with Napp to discuss the data and plan for remediation of the industrial sewer. Meanwhile, we provide following comments based on the visual observations and preliminary data:

- The sewer pipe, from manhole M8 to M2, is a 36" diameter reinforced concrete pipe and was observed to be in good condition. Samples were collected from within the sewer pipe for analyses of PP+40 excluding pesticides and for waste classification purposes.
- The sewer pipe, from manhole M2 to M1, is an 8" diameter metal (possibly carbon steel) pipe.
- The sewer, from manhole M1 to the test-pit location TP-12, was a 24" diameter metal (carbon steel, as documented by Napp) pipe and observed to be in good condition. Preliminary analytical results for soil samples collected around the sewer indicate that the pipe did not leak.
- A previously unknown manhole was discovered on Napp's property at test-pit location TP-11HEX suggesting a tie-in into the industrial sewer.
- Figure 7-2 dated December 1998 submitted with the June 1999 Remedial Investigation Report shows Napp connecting to the industrial sewer at a location close to Pit J. This figure shows a pipe connecting Pit J to the Treatment Discharge Manhole. Hexcel's testpit TP-12HEX (Hexcel's testpit on Napp's property) was conducted at this location to expose the industrial sewer pipe and the pipe connecting Pit J and the Treatment Discharge Manhole. This manhole is shown in Napp drawings to be west of the industrial sewer pipe, which was confirmed by the visual observations during the test pit investigation. The connecting pipe (between Pit J and manhole) was a 12" diameter metal (possibly carbon steel) pipe and approximately 3 feet shallower than the industrial sewer. Due to groundwater infiltration into the test-pit, Hexcel could not confirm/expose the connection between the 12" metal pipe and the industrial sewer.



### 2. GROUNDWATER TESTING RESULTS ALONG SADDLE RIVER/ PROPOSED SURFACE WATER SAMPLING PARAMETERS

Based on the groundwater testing conducted for wells along the property boundary with Saddle River, Hexcel proposes to test surface water samples for Volatile Organics (VO) including Dichlorobenzenes and Polychlorinated Biphenyls (PCBs). NJDEP, in its 20 November 2001 response to the November 1999 RAWA, approved Hexcel's proposals to test for metals and BNA in selected wells close to the property boundary along the Saddle River. These results would the be evaluated to determine whether surface water samples needed to be sampled for metals and BNAs. Specifically, groundwater samples from MW-8, MW-10, MW-14, MW-28, CW-10, and CW-12, were analyzed for Priority Pollutant Metals (PPMs) and Priority Pollutant BNAs. We discuss the results below.

Priority Pollutant Metals: The sampling results demonstrated the absence of any significant metals contamination. Metals were either non-detect or detected sporadically. When detected, at worst, they were at concentrations significantly below or only marginally above the applicable standards. The results do not indicate metals contamination related to historic or past site operations. No metal was detected at concentrations exceeding the applicable standards in more than one well. Table I presents the analytical results and comparison with the NJDEP Ground Water Quality Standards (GWQS; N.J.AC. 7:9-6) and Surface Water Quality Standards (SWQS; N.J.A.C. 7:9B-1.14). Samples were tested for both total and dissolved metals. No significant difference in total vs. dissolved concentrations were noted for any of the wells. Below we summarize the results for the metals:

- Antimony, Beryllium, Chromium, Selenium, Silver, and Thallium, were non-detect in all tested wells at the laboratory's minimum detection limit.
- Copper, Nickel, and Zinc were detected but at concentrations below their respective NJDEP SWQS and GWQS.
- Arsenic (total), at a concentration of 4.2 micrograms per liter (ug/L) in MW-8, was detected in exceedance of the NJDEP SWQS of 0.017 ug/L but was in conformance of the 20 ug/L GWQS.
- Mercury (total), at a concentration of 0.17 ug/L in MW-8, was detected in exceedance of the NJDEP SWQS of 0.144 ug/L but was in conformance of the 2 ug/L GWQS.
- Cadmium (total), at a concentration of 5.4 ug/L in CW-10, was detected in conformance of the NJDEP SWQS of 10 ug/L but was in exceedance of the 4 ug/L GWQS.
- Lead (total), at a concentration of 6.3 ug/L in CW-12, was detected in exceedance of the NJDEP SWQS of 5 ug/L but was in conformance of the 10 ug/L GWQS.

Based on the testing conducted for metals, Hexcel will not include metals as testing parameters for the surface water samples. Furthermore, Hexcel requests that NJDEP require no additional metals testing at the site. Metal detections were sporadic and concentrations



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were below or marginally above the applicable standards. The results do not reflect metals contamination related to historic or past site operations.

Semi-Volatile Organics: The testing results confirm the absence of significant semi-volatile organics contamination. Table II presents the analytical results and comparison with the NJDEP GWQS (N.J.A.C. 7:9-6) and SWQS (N.J.A.C. 7:9B-1.14). The only compound detected above the SWQS was 1,2-Dichlorobenzene in MW-8. Some other compounds were detected sporadically and at concentrations significantly below the GWQS and the SWQS. We conferred with the laboratory to ascertain if future testing for dichlorobenzenes could be included as part of the VO scan. We were advised that it would be possible. Therefore, Hexcel proposes to include dichlorobenzenes in the VO scan and proposes no testing of other semi-volatile compounds for the surface water samples.

Based on the metals and BNA results presented above, Hexcel does not propose to include these parameters in analyses of surface water samples. Hexcel proposes to analyze surface water samples, at locations and frequency approved previously, for volatile organics including dichlorobenzenes and for PCBs. Hexcel will wait for NJDEP's approval of the proposed sampling parameters prior to conducting the surface water sampling.

#### 3. HORIZONTAL DELINEATION OF VOLATILE ORGANICS

This section discusses the results and evaluation of testing conducted in accordance with NJDEP requirements regarding delineation of volatile organics. Soil sampling was conducted at previous boring location G-3 and groundwater sampling was conducted for the purposes of evaluating groundwater quality along Eastern property boundary and Main Street. The sampling and the results are discussed below.

Groundwater Quality Along Eastern Property Boundary and Main Street: As proposed in Hexcel's 24 January 2002 letter, groundwater sampling for selected wells and additional investigation using temporary wellpoints was conducted along the eastern property boundary and Main Street to evaluate groundwater conditions. Specifically, groundwater samples were collected from wells MW-21, MW-32, CW-1, and CW-3. Although CW-2 (located between CW-1 and CW-3) was proposed to be included in the sampling event, the well could not be located. A damaged manhole cover was found at the location indicating the possibility that CW-2 was destroyed during building demolition activities. Hexcel will make additional efforts to find CW-2, and request its closure. Nevertheless, CW-1 and CW-3 are only 55 feet apart and data from these provides adequate information on groundwater quality in the area. Additionally, groundwater samples were collected from temporary wellpoints for volatile organics analysis.

Figure 2 shows the wells and wellpoint locations. Table III and Table IV provide the analytical results for monitoring wells and temporary wellpoints, respectively. Table V provides the historical data for the tested wells. Appendix A provides the boring logs for the temporary wellpoints, GPW-1 through GPW-5. The results are summarized below:

• The northern edge of the volatile organics contamination has been delineated based on results from GPW-1 and GPW-5. The only compound detected in these wellpoints was



New Jersey Department of Environmental Protection 28 August 2002 Page 5 of 8

1,1,1-Trichloroethane at concentrations well below the NJDEP GWQS. All other volatile organic compounds were non-detect. Additionally, GPW-2 (south of GPW-1) had only Vinyl Chloride detected above the GWQS, at a concentration of 7.6 ug/L (GWQS is 5 ug/L).

- Volatile organic concentrations in MW-21 were lower compared to the previous testing conducted in 1998. Compounds detected above the GWQS were benzene and chlorobenzene. Cis-1,2-Dichlorethene (cis-DCE), which was detected at elevated concentrations in 1998, was detected in conformance of the GWQS. MW-32, CW-1, and CW-3 had higher concentrations than the previous testing rounds; cis-DCE exhibited highest concentrations of all the detected volatile organics.
- Concentrations appeared to improve along Main Street in the northern direction. The temporary wellpoint location GPW-4, installed north of well CW-1, exhibited comparable concentrations to CW-1. GPW-3 which was installed further north exhibited much lower concentrations than CW-1 and GPW-4. As discussed above, GPW-2 and GPW-1 were in conformance or close to conformance with the GWOS.
- Hexcel has one well across Main Street (MW-20), for horizontal delineation in the eastern direction. Wells along the property boundary have elevated concentrations of volatile organics. MW-20, when last tested in 1998, had only one compounds marginally above the GWQS (Trichloroethene at 1.2 ug/L compared to the 1 ug/L GWQS).
- Hexcel will evaluate the feasibility of installing a monitor well across Main Street, 100 to 200 feet south of MW-20. There are residences and small businesses located across Main Street from the Hexcel property with limited access available for a drill rig. Hexcel will reconnaissance the general area and provide NJDEP with a proposed well location in a future report.

With the implementation of 2-Phase Extraction at the site, overall groundwater quality off-site is expected to improve due to remediation of the source areas. Additionally, the installation of sheetpile along the property boundary with Main Street for implementation of 2-Phase Extraction, will prevent migration of contamination off-site. Following these measures, Hexcel expects that residual concentrations of volatile organics in off-site groundwater will naturally degrade.

Re-Sampling at Location G-3: As advised in the May 2002 RAWA, location G-3 was resampled on 13 May 2002 as part of completing outstanding requirements from NJDEP's 1993 letters. Figure 2 shows the boring location G-3R. A sample previously collected at this location (in 1985 by Princeton Aqua Science) at a depth of 2.5 feet indicated concentrations of Tetrachloroethene and Methylene Chloride in exceedance of the Soil Cleanup Standards. This location was re-sampled to confirm the data since this location is isolated from other areas of concern and is not included in the Remediation Areas slated for 2-Phase Extraction. On 13 May 2002, a soil boring was completed at this location using a Geoprobe. Two soil samples were collected at depths of 2.5 feet (G-3RA; at the same depth as previous sample with the exceedance) and at 6.0 feet (G-3RB; deeper sample at the highest Flame-Ionization Detector reading) and analyzed for volatile organics with a library search. The results were



New Jersey Department of Environmental Protection 28 August 2002 Page 6 of 8

non-detect for all the tested volatile organic compounds including a library search. Table VI provides the testing results. Appendix A provides the boring log for G-3R.

### 4. GROUNDWATER ELEVATION/DNAPL/LNAPL MONITORING AND PRODUCT RECOVERY

As discussed in our May 2002 RAWA, Hexcel continued the weekly product recovery and the monthly and quarterly water elevation/DNAPL/LNAPL monitoring program during the period between the submission of the November 1999 RAWA and NJDEP's response to it in November 2001. In the May 2002 RAWA, we provided the weekly product recovery update, monthly monitoring, and quarterly monitoring data tables for activities performed since July 1999 and the shallow and deep groundwater elevation contours for measurements collected on 12 April 2002. With this progress report, we provide i) the groundwater elevation table (Table VII) and shallow and deep contours (Figure 3 and 4, respectively) for quarterly monitoring conducted on 1 July 2002, ii) monthly monitoring tables for June and August 2002 (Table VIII and IX, respectively), and iii) updated product recovery table (Table X).

#### 5. DATA DELIVERABLES

The laboratory data summary sheets for the sampling results presented in this progress report are included as Appendix B. The laboratory data packages are provided separately. Electronic Data Deliverables (EDD) diskette, with data in the NJDEP-required format, is included as Appendix C (NJDEP-original only). Appendix C also includes a print-out confirming that the diskette has passed the Electronic Data Submittal Application (EDSA) Check.

#### 6. STATUS UPDATE

The following activities are either on-going or planned in the next quarter:

- Hexcel will conduct the approved Building 2 Investigation.
- Hexcel will conduct borings for investigation of the confining layer in Remediation Area 3 (Building 2 and south of Building 2) for sheetpile installation.
- Hexcel will conduction PCB delineation activities in Molnar Road.
- Hexcel will evaluate the industrial sewer investigation results for presentation of the same
  to the NJDEP. Hexcel also anticipates a meeting with the NJDEP to discuss the results, if
  appropriate.
- Design process for the 2-Phase Extraction has commenced. We anticipate equipment specifications to be finalized by early Fall. Major equipment (2-Phase skid, oxidizer, scrubber, air-stripper) typically takes 12 to 14 weeks following submission of orders to the vendors.



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- We will file for required discharge permits for treated water and air related to the 2-Phase Extraction system upon completion of the design.
- Hexcel will wait for NJDEP's approval of the sampling parameters for surface water prior to conducting the sampling.

Hexcel will continue to move forward with activities previously approved by the NJDEP, as summarized above. We anticipate providing the next progress report by 15 December 2002 with results of the industrial sewer investigation and additional activities conducted at the site.

Sincerely yours,

HALEY & ALDRICH, INC.

Sunila Gupta/ Project Engineer

Joseph G. Savarese Project Manager

C: A. William Nosil Edward Hogan, Esq.

 $G: \verb| documents | 28 | 28629 | 28629p15.doc$ 



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Street

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Appendix A: Boring Logs [Temporary Wellpoints (GPW-1 through GPW-5) and

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Appendix B: Laboratory Data Summary Sheets

Appendix C: EDD Diskette (NJDEP-original only) and EDSA Check Print-Out



#### **TABLES**



TABLE I PRIORITY POLLUTANT METALS IN WELLS ALONG SADDLE RIVER Hexcel Facility Lodi, New Jersey

| Sample ID         | Ground Water      | Surface Water     | MW8          |       | MW8-Diss    | Ţ | MW10         | $\neg$ | MW10-Diss    | $\neg$ | MW14         | Т       | MW14-Diss   | Т | MW28        | M  | MW28-Diss |
|-------------------|-------------------|-------------------|--------------|-------|-------------|---|--------------|--------|--------------|--------|--------------|---------|-------------|---|-------------|----|-----------|
| Lab Sample Number | Quality Standards | Quality Standards | II .         |       | 344352      | J | 344342       | J      | 344349       | J      | 344340       | - [     | 344347      | - | 344341      |    | 344348    |
| Sampling Date     | '                 | for FW2 streams   | 11           |       | 04/16/02    | J | 04/16/02     | J      | 04/16/02     | J      | 04/16/02     |         | 04/16/02    | 1 | 04/16/02    |    | 04/16/02  |
| Matrix            | (ug/l)            | (ug/L)            | WATER        |       | WATER       | J | WATER        | 1      | WATER        | J      | WATER        | - 1     | WATER       |   | WATER       |    | WATER     |
| Units             |                   |                   | ug/l         |       | ug/l        |   | ug/l         |        | ug/l         |        | ug/l         | $\perp$ | ug/l        | 丄 | ug/l        |    | ug/l      |
|                   | '                 |                   | Result/MDL   |       | Result/MDL  |   | Result/MDL   |        | Result/MDL   | $\neg$ | Result/MDL   |         | Result/MDL  | 1 | Result/MDL  |    | esult/MDL |
| METALS            | ·                 | 1                 | Resultivible |       | RESULVIVIDE | J | Resultivible |        | Resultivible |        | Resultivible |         | Resulvivide | ı | ResulviviDL | Re | SUIVIVIDE |
| Antimony          | 20                | 12.2              | 2 3.9 ს      | U     | 3.9         | U | 3.9          | U      | 3.9          | u      | 3.9          | U       | 3.9 ∪       | u | 3.9 U       | ال | 3.9 ℓ     |
| Arsenic           | 8'                | 0.017             | 4.2          | 83397 | 4.9         |   | 3.4          | U      | 3.4          | U      | 3.4          | U       | 3.4 U       | U | 3.4 U       | از | 3.4 l     |
| Beryllium         | 20                | NA NA             | 0.10         | U     | 0.10        | U | 0.10         | U      | 0.10         | U      | 0.10         | U       | 0.10 L      | U | 0.10 U      | د  | 0.10 \    |
| Cadmium           | 4'                | 4 10              | o∥ 0.40 U    | U     | 0.40        | U | 0.40         | U      | 0.40         | U      | 0.40         | U       | 0.40 U      | u | 0.40 U      | إر | 0.40 t    |
| Chromium          | 100               | 0 160             | o∥ 2.8 t     | U     | 2.8         | U | 2.8          | U      | 2.8          | U      | 2.8          | U       | 2.8 L       | U | 2.8 U       | اد | 2.8 l     |
| Copper            | 1,000             | D NA              | II .         | U     | 2.1         | U | 7.2          | 1      | 2.1          | U      | 10.2         | - 1     | 9.3         |   | 2.1 U       | 기  | 2.1 l     |
| Lead              | 10                | ار 5'             | 5 2.2 L      | U     | 2.2         | U | 2.2          | U      | 2.2          | U      | 2.2          | U       | 2.2 L       | U | 2.2 U       | ᅬ  | 2.2 l     |
| Mercury           | 2'                | 2 0.144           | 4 0.17       | - 1   | 0.10        | U | 0.10         | U      | 0.10         | U      | 0.10         | U       | 0.10 L      | U | 0.10 U      | ᅬ  | 0.10 l    |
| Nickel            | 100               |                   | II           |       | 75.8        | J | 95.7         | )      | 85.8         | J      | 3.9          | U       | 3.9 L       | 너 | 26.8        |    | 28.2      |
| Selenium          | 50                | L L               | ე∥ 3.9 ს     | U     | 3.9         | U | 3.9          | U      | 3.9          | U      | 3.9          | U       | 3.9 ℃       | 미 | 3.9 U       | ᅬ  | 3.9 ℓ     |
| Silver            | NA NA             | i II              | 4 0.70 U     | U     | 0.70        | U | 0.70         | U      | 0.70         | U      | 0.70         | U       | 0.70 L      | U | 0.70 U      | 기  | 0.70 l    |
| Thallium          | 10                |                   | II .         | υ     | 4.4         | U | 4.4          | U      | 4.4          | U      | 4.4          | U       | 4.4 U       | U | 4.4 U       | اد | 4.4 l     |
| Zinc              | 5,000             | NA NA             | 159          |       | 101         | J | 60.4         | I      | 42.2         | J      | 40.3         |         | 37.4        | i | 9.8         |    | 6.5       |

Bolded metals were detected in one or more wells.

- U The compound was not detected at the indicated Minimum Detection Limit.
- NA Not Available.
- 6.3 Concentration exceeds the Surface Water Quality Standards (N.J.A.C. 7:9B-1.14)
- 5.4 Concentration exceeds the Ground Water Quality Standards (N.J.A.C. 7:9-6)

88201013

TABLE I
PRIORITY POLLUTANT METALS RESULTS FOR WELLS ALONG SADDLE RIVER
Hexcel Facility
Lodi, New Jersey

| Sample ID         | Ground Water      | Surface Water     | CW10       |   | CW10-Diss  |   | CW12       |   | CW12-Diss  |   | Field-Blank | Field-Blank-Diss |
|-------------------|-------------------|-------------------|------------|---|------------|---|------------|---|------------|---|-------------|------------------|
| Lab Sample Number | Quality Standards | Quality Standards | 344344     |   | 344351     |   | 344343     |   | 344350     |   | 344346      | 344353           |
| Sampling Date     |                   | for FW2 streams   | 04/16/02   |   | 04/16/02   |   | 04/16/02   |   | 04/16/02   |   | 04/16/02    | 04/16/02         |
| Matrix            | (ug/l)            | (ug/L)            | WATER      |   | WATER      |   | WATER      |   | WATER      | 1 | WATER       | WATER            |
| Units             |                   |                   | ug/l_      |   | ug/l_      |   | ug/l       |   | ug/l       |   | ug/l        | ug/l             |
|                   |                   |                   |            |   |            |   |            |   |            |   |             |                  |
|                   |                   |                   | Result/MDL |   | Result/MDL |   | Result/MDL |   | Result/MDL |   | Result/MDL  | Result/MDL       |
| METALS            |                   |                   |            |   |            |   |            |   | }          |   |             |                  |
| Antimony          | 20                | 12.2              | 3.9        | U | 3.9        | U | 3.9        | U | 3.9        | U | 3.9 L       | J 3.9 U          |
| Arsenic           | 8                 | 0.017             | 3.4        | U | 3.4        | U | 3.4        | U | 3.4        | U | 3.4 L       | J 3.4 U          |
| Beryllium         | 20                | NA                | 0.10       | U | 0.10       | U | 0.10       | U | 0.10       | U | 0.10 L      | 0.10 U           |
| Cadmium           | 4                 | 10                | 5.4        |   | 4.9        |   | 1.1        |   | 0.40       | U | 0.40 L      | 0.40 ∪           |
| Chromium          | 100               | 160               | 2.8        | U | 2.8        | U | 2.8        | U | 2.8        | U | 2.8 L       | J 2.8 U          |
| Copper            | 1,000             | NA                | 16.4       |   | 16.9       |   | 9.6        |   | 2.1        | U | ` 2.1 L     | J 2.1 U          |
| Lead              | 10                | 5                 | 9.5        |   | 2.2        | U | 6.3        |   | 2.2        | U | 2.2 ل       | J 2.2 U          |
| Mercury           | 2                 | 0.144             | 0.10       | U | 0.10       | U | 0.10       | U | 0.10       | U | 0.10 L      | 0.10 U           |
| Nickel            | 100               | 516               | 4.2        | 1 | 3.9        | U | 23.2       |   | 17.5       |   | 3.9 L       | 3.9 ∪            |
| Selenium          | 50                | 10                | 3.9        | U | 3.9        | U | 3.9        | U | 3.9        | U | 3.9 L       | 3.9 ∪            |
| Silver            | NA NA             | 164               | 0.70       | U | 0.70       | U | 0.70       | U | 0.70       | U | 0.70 L      | 0.70 U           |
| Thallium          | 10                | 1.7               |            | U | 4.4        | U | 4.4        | U | 4.4        | U | 4.4 L       | 4.4 ∪            |
| Zinc              | 5,000             | NA                | 3500       |   | 3270       |   | 1290       |   | 1130       |   | 5.8 L       | 5.8 ∪            |

U - The compound was not detected at the indicated Minimum Detection Limit.

NA - Not Available.

<sup>6.3</sup> Concentration exceeds the Surface Water Quality Standards (N.J.A.C. 7:9B-1.14)

<sup>5.4</sup> Concentration exceeds the Ground Water Quality Standards (N.J.A.C. 7:9-6)

TABLE II
SEMI-VOLATILE ORGANIC COMPOUNDS IN WELLS ALONG SADDLE RIVER
Hexcel Facility
Lodi, New Jersey

| Sampling Date Matrix Dilution Factor Units  SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol 2-Nitrophenol            | 9 600 600 75 20 100 40 10 NA NA                            | 2.14<br>92.7<br>NA<br>69.7  | 344345<br>04/16/02<br>WATER<br>50.0<br>ug/L<br>38 U<br>3300<br>38 U<br>230<br>82 U<br>110 U | 344342<br>04/16/02<br>WATER<br>1.0<br>ug/L<br>0.8 U<br>4.9<br>2.7<br>11<br>1.6 U | 344340<br>04/16/02<br>WATER<br>1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U<br>0.8 U | 344341<br>04/16/02<br>WATER<br>1.0<br>ug/L<br>0.8 U<br>8.4<br>1.5 | 344344<br>04/16/02<br>WATER<br>1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U | 344343<br>04/16/02<br>WATER<br>50.0<br>ug/L<br>38 U<br>250<br>38 U | 344346<br>04/16/02<br>WATER<br>1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U |
|--|--|---|---|--|--|---|---|--|---|
| Matrix Dilution Factor Units  SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dimitrophenol 1,4-Dinitrotoluene 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol | 9<br>600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA | (ug/L)<br>30.6<br>2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7 | WATER<br>50.0<br>ug/L<br>38 U<br>3300<br>38 U<br>-230<br>82 U<br>110 U                      | WATER 1.0 ug/L  0.8 U 4.9 2.7 11   | WATER<br>1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U                                | WATER<br>1.0<br>ug/L<br>0.8 U<br>8.4<br>1.5                       | WATER 1.0 ug/L  0.8 U 0.8 U 0.8 U 0.8 U                               | WATER<br>50.0<br>ug/L<br>38 U<br>250                               | WATER<br>1.0<br>ug/L<br>0.8 U<br>0.8 U                                |
| Dilution Factor Units  SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene (1) 2,4-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol  | 9<br>600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA | 30.6<br>2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7           | 38 U<br>3300<br>38 U<br>230<br>82 U<br>110 U  | 1.0<br>ug/L<br>0.8 U<br>4.9<br>2.7<br>11   | 1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U   | 1.0<br>ug/L<br>0.8 U<br>8.4<br>1.5                                | 1.0<br>ug/L<br>0.8 U<br>0.8 U<br>0.8 U                                | 50.0<br>ug/L<br>38 U<br>250  | 1.0<br>ug/L<br>0.8 U<br>0.8 U   |
| Units  SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dimitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol   | 9<br>600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 38 U<br>3300<br>38 U<br>230<br>82 U<br>110 U  | 0.8 U<br>4.9<br>2.7<br>11  | ug/L<br>0.8 U<br>0.8 U<br>0.8 U  | ug/L<br>0.8 U<br>8.4<br>1.5                                       | ug/L<br>0.8 U<br>0.8 U<br>0.8 U                                       | ug/L<br>38 U<br>250  | 1.0<br>ug/L<br>0.8 U<br>0.8 U   |
| SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol 2-Nitrophenol  | 600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA      | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 38 U<br>3300<br>38 U<br>230<br>82 U<br>110 U  | 0.8 U<br>4.9<br>2.7<br>11  | ug/L<br>0.8 U<br>0.8 U<br>0.8 U  | ug/L<br>0.8 U<br>8.4<br>1.5                                       | ug/L<br>0.8 U<br>0.8 U<br>0.8 U                                       | ug/L<br>38 U<br>250  | ug/L<br>0.8 U<br>0.8 U  |
| SEMIVOLATILE COMPOUNDS (GC/MS)  1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dimitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol  | 600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA      | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 38 U<br>3300<br>38 U<br>230<br>82 U<br>110 U  | 0.8 U<br>4.9<br>2.7<br>11  | 0.8 U<br>0.8 U<br>0.8 U  | 0.8 U<br>8.4<br>1.5   | 0.8 U<br>0.8 U<br>0.8 U   | 38 U<br>250  | 0.8 U<br>0.8 U  |
| 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol 2-Nitrophenol   | 600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA      | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 3300<br>38 U<br>230<br>82 U<br>110 U  | 4.9<br>2.7<br>11   | 0.8 U<br>0.8 U   | 8. <b>4</b><br>1.5  | 0.8 U<br>0.8 U  | 250  | 0.8 U   |
| 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol  | 600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA      | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 3300<br>38 U<br>230<br>82 U<br>110 U  | 4.9<br>2.7<br>11   | 0.8 U<br>0.8 U   | 8. <b>4</b><br>1.5  | 0.8 U<br>0.8 U  | 250  | 0.8 U   |
| 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol  | 600<br>600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA      | 2,520<br>2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                   | 3300<br>38 U<br>230<br>82 U<br>110 U  | 4.9<br>2.7<br>11   | 0.8 U<br>0.8 U   | 8. <b>4</b><br>1.5  | 0.8 U<br>0.8 U  | 250  | 0.8 U   |
| 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol  | 600<br>75<br>20<br>20<br>100<br>40<br>10<br>NA             | 2,620<br>343<br>2.14<br>92.7<br>NA<br>69.7                            | 38 U<br><b>230</b><br>82 U<br>110 U   | 2.7<br>11  | 0.8 U  | 1.5   | 0.8 U   |  |   |
| 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol   | 75<br>20<br>20<br>100<br>40<br>10<br>NA                    | 343<br>2.14<br>92.7<br>NA<br>69.7                                     | <b>230</b><br>82 U<br>110 U   | 11   |  |   |   | 38 U I   | nxıı  |
| 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chlorophenol 2-Nitrophenol   | 20<br>20<br>100<br>40<br>10<br>NA                          | 2.14<br>92.7<br>NA<br>69.7  | 82 U<br>110 U   |  | 0.8 U  |   |   |  |   |
| 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol   | 20<br>100<br>40<br>10<br>NA                                | 92.7<br>NA<br>69.7  | 110 U   | [ 1.6 U ]  |  | 5.8   | 0.8 U   | 40 U   | 0.8 U   |
| 2,4-Dimethylphenol 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol  | 100<br>40<br>10<br>NA                                      | NA<br>69.7  |   |  | 1.6 U  | 1.6 U   | 1.6 U   | 82 U   | 1.6 U   |
| 2,4-Dinitrophenol (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol   | 40<br>10<br>NA   | 69.7  | 77 11 1   | 2.1 U  | 2.1 U  | 2.1 U   | 2.1 U   | 110 U  | 2.1 U   |
| (1) 2,4-Dinitrotoluene (1) 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol   | 10<br>NA   |   | 77 U  | 1.5 U  | 1.5 U  | 1.5 U   | 1.5 U   | 77 U   | 1.5 U   |
| (1) 2,6-Dinitrotoluene<br>2-Chloronaphthalene<br>2-Chlorophenol<br>2-Nitrophenol   | NA   | _ · · · II  | 19 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 19 U   | 0.4 U   |
| 2-Chloronaphthalene  2-Chlorophenol  2-Nitrophenol   |  | 0.11  | 13 U  | 0.3 U  | 0.2 U  | 0.3 U   | 0.2 U   | 13 U   | 0.3 U   |
| 2-Chlorophenol<br>2-Nitrophenol  | NA   | NA  | 20 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 20 U   | 0.4 U   |
| 2-Nitrophenol  |  | NA  | 40 U  | 0.8 U  | 0.8 U  | 0.8 U   | 0.8 U   | 40 U   | 0.8 U   |
|  | 40   | 122   | 71 U  | 5.3  | 1.4 U  | 2.6   | 1.4 U   | 71 U   | 1.4 U   |
|  | NA   | NA  | 61 U  | 1.2 U  | 1.2 U  | 1.2 U   | 1.2 U   | 61 U   | 1.2 U   |
| 3,3'-Dichlorobenzidine   | 60   | 0.0386  | 66 U  | 1.3 U  | 1.3 U  | 1.3 U   | 1.3 U   | 66 U   | 1.3 U   |
| 4,6-Dinitro-2-methylphenol   | NA   | NA  | 64 U  | 1.3 U  | 1.3 U  | 1.3 U   | 1.3 U   | 64 U   | 1.3 U   |
| 4-Bromophenyl-phenylether  | NA   | NA  | 97 U  | 1.9 U  | 1.9 Ū  | 1.9 U   | 1.9 U   | 97 U   | 1.9 U   |
| 4-Chloro-3-methylphenol  | NA   | NA  | 100 U   | 2.0 U  | 2.0 U  | 2.0 U   | 2.0 U   | 100 U  | 2.0 U   |
| 4-Chlorophenyl-phenylether   | NA   | NA  | 42 U  | 0.8 U  | 0.8 U  | 0.8 U   | 0.8 U   | 42 U   | 0.8 U   |
| 4-Nitrophenol  | NA   | NA  | 39 U  | 0.8 U  | 0.8 U  | 0.8 U   | 0.8 U   | 39 U   | 0.8 U   |
| Acenaphthene   | 400  | NA  | 29 U  | 0.6 U  | 0.6 U  | 0.9   | 0.6 U   | 29 U   | 0.6 U   |
| Acenaphthylene   | NA   | NA  | 29 U  | 0.6 U  | 0.6 U  | 0.6 U   | 0.6 U   | 29 U   | 0.6 U   |
| Anthracene   | 2.000  | 9,570   | 21 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 21 U   | 0.4 U   |
| Benzaldehyde   | 2,000<br>NA  | NA NA   | 44 U  | 3.0  | 0.4 U  | 0.4 U   | 0.4 U   | 44 U   | 0.4 U   |
| Benzidine  | 50   | 0.000118  | 1200 U  | 25 U   | 25 U   | 25 U  | 25 U  | 1200 U   | 25 U  |
|  |  | 0.000118  | 1200 U  | 0.4 U  | 0.4 U  | 0.4 U   |   | i i  |   |
| Benzo(a)anthracene   | NA   | 11  | 7.6 U   | 0.4 U<br>0.2 U   | - 1  | 0.4 U   | 0.4 U   | 19 U   | 0.4 U   |
| Benzo(a)pyrene   | NA   | 0.0028  |   |  | 0.2 U  |   | 0.2 U   | 7.6 U  | 0.2 U   |
| Benzo(b)fluoranthene   | NA   | 0.0028  | 14 U  | 0.3 U  | 0.3 U  | 0.3 U   | 0.3 U   | 14 U   | 0.3 U   |
| Benzo(g,h,i)perylene   | NA   | NA  | 18 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 18 U   | 0.4 U   |
| Benzo(k)fluoranthene   | NA   | 0.0028  | 41 U  | 0.8 U  | 0.8 U  | 0.8 U   | 0.8 U   | 41 U   | 0.8 U   |
| bis(2-Chloroethoxy)methane   | NA   | NA  | 32 U  | 0.6 U  | 0.6 U  | 0.6 U   | 0.6 U   | 32 U   | 0.6 U   |
| bis(2-Chloroethyl)ether  | 10   | 0.0311  | 30 U  | 0.6 U  | 0.6 U  | 0.6 U   | 0.6 U   | 30 U   | 0.6 U   |
| bis(2-chloroisopropyl)ether  | 300  | 1,250   | 25 U  | 0.5 U  | 0.5 ∪  | 0.5 Ų ∫   | 0.5 U   | 25 U   | 0.5 U   |
| bis(2-Ethylhexyl)phthalate   | 30   | 1.76  | 22 U  | 0.6 B  | 1.2 B  | 1.6 B   | 1.0 B   | 22 U   | 1.4 B   |
| Butylbenzylphthalate   | 100  | 239   | 20 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 20 U   | 0.4 U   |
| Chrysene   | NA   | 0.0028  | 25 U  | 0.5 U  | 0.5 ∪  | 0.5 U   | 0.5 U   | 25 U   | 0.5 U   |
| Dibenz(a,h)anthracene  | NA   | 0.0028  | 32 U  | 0.6 U  | 0.6 U  | 0.6 ∪   | 0.6 U   | 32 U   | 0.6 U   |
| Diethylphthalate   | 5,000  | 21,200  | 22 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 22 U   | 0.4 U   |
| Dimethylphthalate  | NA   | 313,000   | 27 U  | 0.5 U  | 0.5 U  | 0.5 U   | 0.5 U   | 27 U   | 0.5 U   |
| Di-n-butylphthalate  | 900  | 3,530   | 21 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 21 U   | 0.4 U   |
| Di-n-octylphthalate  | 100  | NA NA   | 6.6 U   | 0.1 U  | 0.1 U  | 0.1 U   | 0.1 U   | 6.6 U  | 0.1 U   |
| Fluoranthene   | 300  | 310   | 21 U  | 0.4 U  | 0.4 U  | 0.4 U   | 0.4 U   | 21 U   | 0.4 U   |
| Fluorene   | 300  | 1,340   | 31 U  | 0.6 U  | 0.6 U  | 0.6 U   | 0.4 U   | 31 U   | 0.6 U   |
| Hexachlorobenzene  | 10   | 0.000748  | 56 U  | 1.1 U  | 1.1 U  | 1.1 U   | 1.1 U   | 56 U   | 1.1 U   |

TABLE II
SEMI-VOLATILE ORGANIC COMPOUNDS IN WELLS ALONG SADDLE RIVER
Hexcel Facility
Lodi, New Jersey

| Sample ID                      | Ground Water      | Surface Water     | MW8      | MW10     | MW14     | MW28     | CW10     | CW12     | Field-Blank |
|--------------------------------|-------------------|-------------------|----------|----------|----------|----------|----------|----------|-------------|
| Lab Sample Number              | Quality Standards | Quality Standards | 344345   | 344342   | 344340   | 344341   | 344344   | 344343   | 344346      |
| Sampling Date                  |                   | for FW2 streams   | 04/16/02 | 04/16/02 | 04/16/02 | 04/16/02 | 04/16/02 | 04/16/02 | 04/16/02    |
| Matrix                         | (ug/l)            | (ug/L)            | WATER    | WATER    | WATER    | WATER    | WATER    | WATER    | WATER       |
| Dilution Factor                |                   | j                 | 50.0     | 1.0      | 1.0      | 1.0      | 1.0      | 50.0     | 1.0         |
| Units                          |                   |                   | ug/L     | ug/L     | ug/L     | ug/L     | ug/L     | ug/L     | ug/L        |
|                                |                   |                   |          |          |          |          |          |          |             |
| SEMIVOLATILE COMPOUNDS (GC/N   | <br>//S)<br>      |                   |          |          |          |          |          |          |             |
| Hexachlorobutadiene            | 1                 | 6.94              | 58 U     | 1.2 U    | 1.1 U    | 1.2 U    | 1.1 U    | 58 U     | 1.2 U       |
| Hexachlorocyclopentadiene      | 50                | 245               | 84 U     | 1.7 U    | 1.7 U    | 1.7 U    | 1.7 U    | 84 U     | 1.7 U       |
| Hexachloroethane               | 10                | 2.73              | 43 U     | 0.9 U    | 0.9 U    | 0.9 U    | 0.9 U    | 43 U     | 0.9 U       |
| Indeno(1,2,3-cd)pyrene         | NA                | 0.0028            | 7.1 U    | 0.1 U    | 0.1 U    | 0.1 U    | 0.1 U    | 7.1 U    | 0.1 U       |
| Isophorone                     | 100               | 552               | 11 U     | 0.2 U    | 0.2 U    | 0.2 U    | 0.2 U    | 11 U     | 0.2 U       |
| Naphthalene                    | 300^              | . NA              | 32 U     | 1.3      | 0.6 U    | 0.6 U    | 0.6 U    | 32 U     | 0.6 U       |
| Nitrobenzene                   | 10                | 16                | 38 U     | 0.8 U    | 0.8 U    | 0.8 Ų    | 0.8 U    | 38 U     | 0.8 U       |
| N-Nitrosodimethylamine         | 20                | 0.000686          | 31 U     | 0.6 U    | 0.6 U    | 0.6 U    | 0.6 U    | 31 U     | 0.6 U       |
| N-Nitroso-di-n-propylamine     | 20                | NA                | 62 U     | 1.2 U    | 1.2 U    | 1.2 U    | 1.2 U    | 62 U     | 1.2 U       |
| N-Nitrosodiphenylamine         | 20                | 4.95              | 26 U     | 0.5 U    | 0.5 U    | 0.5 U    | 0.5 U    | 26 U     | 0.5 U       |
| Pentachlorophenol              | 1                 | **                | 58 U     | 1.2 U    | 1.2 U    | 1.2 U    | 1.2 U    | 58 U     | 1.2 U       |
| Phenanthrene                   | NA                | NA                | 25 U     | 0.5 U    | 0.5 U    | 0.5 U    | 0.5 U    | 25 U     | 0.5 U       |
| Phenol                         | 4,000             | 20,900            | 16 U     | 5.2      | 0.3 U    | 0.3 U    | 0.3 U    | 16 U     | 0.3 U       |
| Pyrene                         | 200               | 797               | 21 U     | 0.4 U    | 0.4 U    | 0.4 U    | 0.4 U    | 21 U     | 0.4 U       |
| Total Confident Conc. BNAs (s) |                   |                   | 3530     | 33       | 0        | 19       | 0        | 250      | 0           |

Bolded BNAs were detected in one or more wells.

- U The compound was not detected at the indicated concentration.
- J Data indicates the presence of a compound that meets the identification criteria. The concentration given is an approximate value.
- (1) Values listed reflect the combined standards for the 2,4/2,6-Dinitrotoluene mixture.
- B The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- NR Not analyzed.
- 3,300 Concentration exceeds the Surface Water Quality Standards (N.J.A.C. 7:9B-1.14)
- 230 Concentration exceeds the Ground Water Quality Standards (N.J.A.C. 7:9-6)

#### VOLATILE ORGANIC COMPOUNDS IN WELLS ALONG MAIN STREET Hexcel Facility Lodi, New Jersey

| Sample ID                          | New Jersey Higher of |        | MW32R    | CW1      | CW3      | Trip_Blank | Field_Blank |
|------------------------------------|----------------------|--------|----------|----------|----------|------------|-------------|
| Lab Sample Number                  | PQLs and             | 344672 | 344673   | 344675   | 344674   | 344670     | 344671      |
| Sampling Date                      | Ground Water Quality |        | 04/17/02 | 04/17/02 | 04/17/02 | 04/17/02   | 04/17/02    |
| Matrix                             | Criteria (ug/l)      | WATER  | WATER    | WATER    | WATER    | WATER      | WATER       |
| Dilution Factor                    |                      | 50.0   | 2000.0   | 50.0     | 1000.0   | 1.0        | 1.0         |
| Units                              |                      | ug/L   | ug/L     | ug/L     | ug/L     | ug/L_      | ug/L        |
|                                    |                      |        |          |          |          |            |             |
|                                    |                      |        |          |          |          |            |             |
| VOLATILE COMPOUNDS (GC/MS)         | 1                    |        |          | ]        |          |            |             |
| Chloromethane                      | 30                   |        | 660 U    | 16 U     | 330 U    | 0.3 U      | 0.3 U       |
| Bromomethane                       | 10                   |        | 420 U    | 10 U     | 210 U    | 0.2 U      | 0.2 U       |
| VinylChloride                      | 5                    |        | 460 U    | 12 U     | 230 U    | 0.2 U      | 0.2 U       |
| Chloroethane                       | NA NA                |        | 560 U    | 14 U     | 280 U    | 0.3 U      | 0.3 U       |
| MethyleneChloride                  | 3^                   |        | 79000    | 51 U     | 1000 U   | 1.0 U      | 1.0 U       |
| Acetone                            | 700                  |        | 3000 U   | 75 U     | 1500 U   | 1.5 U      | 1.5 U       |
| Trichlorofluoromethane             | NA                   |        | 700 U    | 18 U     | 350 U    | 0.4 U      | 0.4 U       |
| 1,1-Dichloroethene                 | 2                    | 12 U   | 480 U    | 12 U     | 240 U    | 0.2 U      | 0.2 U       |
| 1,1-Dichloroethane                 | 50^                  | 8.5 U  | 1700     | 85       | 630      | 0.2 U      | 0.2 U       |
| trans-1,2-Dichloroethene           | 100                  | 10 U   | 400 U    | 10 U     | 200 U    | 0.2 U      | 0.2 U       |
| cis-1,2-Dichloroethene             | 70^                  | 37     | 240000   | 6500     | 120000   | 0.2 U      | 0.2 U       |
| Chloroform                         | 6                    | 9.5 U  | 380 U    | 9.5 U    | 190 U    | 0.2 U      | 0.2 U       |
| 1,2-Dichloroethane                 | 2                    | 10 U   | 420 U    | 10 U     | 210 U    | 0.2 U      | 0.2 U       |
| 1,1,1-Trichloroethane              | 30                   | 13 U   | 520 U    | 13 U     | 500      | 0.3 U      | 0.3 U       |
| CarbonTetrachloride                | 2                    | 12 U   | 500 U    | 12 U     | 250 U    | 0.2 U      | 0.2 U       |
| Bromodichloromethane               | 1                    | 8.0 U  | 320 U    | 8.0 ∪    | 160 U    | 0.2 U      | 0.2 U       |
| 1,2-Dichloropropane                | 1                    | 8.0 U  | 320 U    | 8.0 U    | 160 U    | 0.2 U      | 0.2 U       |
| (1) cis-1,3-Dichloropropene        | NA NA                | 8.5 U  | 340 U    | 8.5 U    | 170 U    | 0.2 U      | 0.2 U       |
| Trichloroethene                    | 1                    | 16 U   | 1700     | 16 U     | 330      | 0.3 U      | 0.3 U       |
| Dibromochloromethane               | 10                   | 6.5 U  | 260 U    | 6.5 U    | 130 U    | 0.1 U      | 0.1 U       |
| 1,1,2-Trichloroethane              | 3                    | 10 U   | 400 U    | 10 U     | 200 U    | 0.2 U      | 0.2 U       |
| Benzene                            | 1                    | 33     | 380 U    | 9.5 U    | 190 U    | 0.2 U      | 0.2 U       |
| (1) trans-1,3-Dichloropropene      | NA NA                | 7.5 ∪  | 300 U    | 7.5 U    | 150 U    | 0.2 U      | 0.2 U       |
| 2-ChloroethylVinylEther            | NA                   | 21 U   | 840 U    | 21 U     | 420 U    | 0.4 U      | 0.4 U       |
| Bromoform                          | 4                    | 9.0 U  | 360 U    | 9.0 U    | 180 U    | 0.2 U      | 0.2 U       |
| Tetrachloroethene                  | 1                    | 14 U   | 560 U    | 48       | 640      | 0.3 U      | 0.3 U       |
| 1,1,2,2-Tetrachloroethane          | 1^                   | 6.0 U  | 240 U    | 6.0 U    | 120 U    | 0.1 U      | 0.1 U       |
| Toluene                            | 1,000                | 9.0 U  | 4600     | 9.0 U    | 180 U    | 0.2 U      | 0.2 U       |
| Chlorobenzene                      | 50^                  | 5200   | 9000     | 7.5 U    | 700      | 0.2 U      | 0.2 U       |
| Ethylbenzene                       | 700                  | 9.5 U  | 380 U    | 9.5 U    | 190 U    | 0.2 U      | 0.2 U       |
| Xylene(Total)                      | 1000^                | 40     | 380 U    | 9.5 U    | 190 U    | 0.2 U      | 0.2 U       |
| Total Confident Conc. VOAs (s)     | 1                    | 5310   | 336000   | 6633     | 122800   | 0          | 0           |
| Total Estimated Conc. VOA TICs (s) |                      | 0      | 7800     | 0        | 0        | Ö          | 0           |

- U The compound was not detected at the indicated concentration.
- J Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- B The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- ^- Value is a revision to the Class IIA ground water quality standard based upon the November 18, 1996 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy memo issued by Assistant Commissioner R. Gimello.
- (1) Values listed reflect the combined standards for the cis and trans isomers of 1,3-Dichloropropene.
- 2950 Indicates exceedance of GWQS.

**TABLE IV**VOLATILE ORGANIC COMPOUNDS IN TEMPORARY WELLPOINTS
Hexcel Facility
Lodi, New Jersey

| Sample ID                             | New Jersey Higher of        | GPW-1    | GPW-2    | GPW-3    | GPW-4    | GPW-5    | Field_Blank | Trip_Blank_Water |
|---------------------------------------|-----------------------------|----------|----------|----------|----------|----------|-------------|------------------|
| Lab Sample Number                     | PQLs and                    | 350126   | 350127   | 350128   | 350129   | 350130   | 350133      | 350135           |
| Sampling Date                         | <b>Ground Water Quality</b> | 05/13/02 | 05/13/02 | 05/13/02 | 05/13/02 | 05/13/02 | 05/13/02    | 05/13/02         |
| Matrix                                | Criteria (ug/l)             | WATER    | WATER    | WATER    | WATER    | WATER    | WATER       | WATER            |
| Dilution Factor                       |                             | 1.0      | 1.0      | 25.0     | 100.0    | 1.0      | 1.0         | 1.0              |
| Units                                 |                             | ug/L     | ug/L     | ug/L     | ug/L     | ug/L     | ug/L        | ug/L             |
|                                       |                             |          |          |          |          |          |             |                  |
|                                       |                             |          |          |          |          |          |             |                  |
| VOLATILE COMPOUNDS (GC/MS             | S)                          |          |          |          |          |          |             |                  |
| Chloromethane                         | 30                          | 0.4 U    | 0.4 U    | 11 U     | 43 U     | 0.4 U    | 0.4 U       | 0.4 U            |
| Bromomethane                          | 10                          | 0.3 U    | 0.3 U    | 8.0 U    | 32 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| VinylChloride                         | 5                           | 0.3 U    | 7.6      | 7.2 U    | 29 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Chloroethane                          | NA                          | 0.5 U    | 0.5 U    | 12 U     | 48 U     | 0.5 U    | 0.5 U       | 0.5 U            |
| MethyleneChloride                     | 3^                          | 0.9 U    | 0.9 ∪    | 22 U     | 88 U     | 0.9 U    | 1.3         | 0.9 U            |
| Trichlorofluoromethane                | NA                          | 0.4 U    | 0.4 U    | 10 U     | 41 U     | 0.4 U    | 0.4 U       | 0.4 U            |
| 1.1-Dichloroethene                    | 2                           | 0.3 U    | 0.3 U    | 7.2 U    | 29 U     | 0.3 U    | 0.3 U       | 0.3 U l          |
| 1.1-Dichloroethane                    | 50^                         | 0.3 U    | 0.9      | 14       | 82       | 0.3 U    | 0.3 U       | 0.3 U            |
| trans-1.2-Dichloroethene              | 100                         | 0.2 U    | 0.6      | 13       | 23 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| cis-1,2-Dichloroethene                | 70^                         | 0.3 U    | 50       | 2900     | 9200     | 0.3 U    | 0.3 U       | 0.3 U            |
| Chloroform                            | 6                           | 0.2 U    | 0.2 U    | 6.2 U    | 25 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| 1,2-Dichloroethane                    | 2                           | 0.4 U    | 0.4 U    | 9.0 U    | 36 U     | 0.4 U    | 0.4 U       | 0.4 U            |
| 1,1,1-Trichloroethane                 | 30                          | 0.5      | 0.3 U    | 6.5 U    | 26 U     | 2.9      | 0.3 U       | 0.3 U            |
| CarbonTetrachloride                   | 2                           | 0.3 U    | 0.3 U    | 7.5 U    | 30 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Bromodichloromethane                  | 1                           | 0.2 U    | 0.2 U    | 5.0 U    | 20 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| 1,2-Dichloropropane                   | 1 1                         | 0.4 U    | 0.4 U    | 8.8 U    | 35 U     | 0.4 U    | 0.4 U       | 0.4 U            |
| (1) cis-1,3-Dichloropropene           | NA NA                       | 0.3 U    | 0.3 U    | 7.5 U    | 30 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Trichloroethene                       | 1                           | 0.1 U    | 0.5      | 7.4      | 12 U     | 0.1 U    | 0.1 U       | 0.1 U            |
| Dibromochloromethane                  | 10                          | 0.3 U    | 0.3 U    | 6.8 U    | 27 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| 1,1,2-Trichloroethane                 | 3                           | 0.3 U    | 0.3 U    | 7.0 U    | 28 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Benzene                               | 1                           | 0.3 U    | 0.3 U    | 7.2 U    | 29 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| (1) trans-1,3-Dichloropropene         | NA                          | 0.3 U    | 0.3 U    | 7.0 U    | 28 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| 2-ChloroethylVinylEther               | NA.                         | 0.5 U    | 0.5 U    | 12 U     | 47 U     | 0.5 U    | 0.5 U       | 0.5 U            |
| Bromoform                             | 4                           | 0.3 U    | 0.3 U    | 7.2 U    | 29 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Tetrachloroethene                     | 1                           | 0.2 U    | 0.3      | 6.0 U    | 24 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| 1,1,2,2-Tetrachloroethane             | 1^                          | 0.3 U    | 0.3 U    | 7.8 U    | 31 U     | 0.3 U    | 0.3 U       | 0.3 U            |
| Toluene                               | 1,000                       | 0.2 U    | 0.2 U    | 6.0 U    | 24 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| Chlorobenzene                         | 50^                         | 0.2 U    | 0.2 U    | 16       | 21 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| Ethylbenzene                          | 700                         | 0.2 U    | 0.2 U    | 3.8 U    | 15 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| Xylene(Total)                         | 1000^                       | 0.2 U    | 0.2 U    | 4.5 U    | 18 U     | 0.2 U    | 0.2 U       | 0.2 U            |
| Total Confident Conc. VOAs (s)        | 1000                        | 0.5      | 60       | 2950     | 9282     | 2.9      | 1.3         | 0.20             |
| Total Estimated Conc. VOA TICs (s     |                             | 0.0      | 0        | 0        | 0        | 0        | 0           | 0                |
| . C. C. Collinated Colle. Coll 1100 ( |                             |          |          |          | <u> </u> | <u> </u> | <u> </u>    | ·                |

- U The compound was not detected at the indicated concentration.
- J Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- B The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- ^- Value is a revision to the Class IIA ground water quality standard based upon the November 18, 1996 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy memo issued by Assistant Commissioner R. Gimello.
- (1) Values listed reflect the combined standards for the cis and trans isomers of 1,3-Dichloropropene.
- 2950 Indicates exceedance of GWQS.

**TABLE V**HISTORICAL DATA FOR VOLATILE ORGANICS IN WELLS ALONG MAIN STREET Hexcel Facility
Lodi, New Jersey

| Well ID                                       | GWQS   |          | ΜV   | /-21  |      |         | /-32   |   |       | CW-1   |      |   |       | CW-3               |        |
|---|--------|----------|------|-------|------|---------|--------|---|-------|--------|------|---|-------|--------------------|--------|
|   | (ug/L) | 1990     | 1993 | 1998  | 2002 | 1992    | 2002   |   | 1992  | 1993   | 2002 |   | 1990  | 1993               | 2002   |
|   |        |          |      |       |      |         |        |   |       |        |      |   |       | abandan sa manaran |        |
| 1,1,1-Trichloroethane                         | 30     | <b>∦</b> |      |       |      |         |        | l | 25.6  | 23     |      |   | 1280  | 1200               | 500    |
| 1,1,2,2-Tetrachloroethane                     | 1^     |          |      |       |      |         |        |   |       |        |      |   |       |                    |        |
| 1,1,2-Trichloroethane                         | 3      |          |      |       |      |         |        |   |       |        |      |   |       |                    |        |
| 1,1-Dichloroethane                            | 50^    | 27       | 21   | 50    |      |         | 1700   |   | - 70  | 396    | 85   |   | 525   | 460                | 630    |
| 1,1-Dichloroethene                            | 2      |          |      |       |      |         |        |   |       | 0.87   |      |   | 454   |                    |        |
| 1,2-Dichlorobenzene                           | 600    | 117      | 40   |       |      | 94 J    | [      |   | 8.5   | 65     | [    |   | 6581  | 5300               |        |
| 1,2-Dichloroethane                            | 2      |          |      |       |      |         |        |   |       | 0.99   |      |   |       |                    |        |
| 1,2-Dichloropropane                           | 1      |          |      |       | NT   |         | NT     |   |       |        | NT   |   |       |                    | NT     |
| 1,3-Dichlorobenzene                           | 600    | 31       | 56   |       | NT   | 94 J    | NT     |   | 8.5   | 4.6    | NT   |   | 157   | 110                | NT     |
| 1,4-Dichlorobenzene                           | 75     | 102      | 200  | 150   | NT   | 273 J   | NT     |   |       | 8.1    | NT   |   | 3333  | 380                | NT     |
| 2-Chloroethyl Vinyl Ether                     | NA NA  |          |      |       | NT   |         | NT     |   | 5.4   |        | NT   |   |       |                    | NT     |
| Benzene                                       | 1      | -1- :14  | 24   | 31    | 33   |         |        |   |       |        |      |   | 23    |                    |        |
| Bromodichloromethane                          | 1      |          |      |       |      |         |        |   |       |        |      |   | 88    |                    |        |
| Carbon Tetrachloride                          | 2      |          |      |       |      |         |        |   |       |        |      |   | 198   |                    |        |
| Chlorobenzene                                 | 50^    | 827      | 2400 | 3700  | 5200 | 188 J   | 9000   |   |       | 17     | 1    | İ | 2310  | 2200               | 700    |
| Chloroethane                                  | NA     |          |      |       |      |         |        |   |       |        |      |   |       |                    |        |
| Chloroform                                    | 6      |          |      |       |      |         |        |   |       |        |      |   | 24    | +-                 |        |
| cis- 1,2-Dichloroethene                       | 70^    | NT       | 1900 | 8300  | 37   |         | 240000 |   |       | 800    | 6500 |   | NT    | <b>80000</b>       | 120000 |
| Ethylbenzene                                  | 700    |          |      |       |      |         |        |   |       |        |      |   | 324   |                    |        |
| Methylene Chloride                            | 3^     | 98       |      | [     |      | 10040 B | 79000  |   |       |        |      |   | 14200 | 5600               |        |
| Tetrachloroethene                             | 1      | 3        |      |       |      |         |        | ŀ | 46.1  | 79     | 48   |   | 5650  |                    | 640    |
| Toluene                                       | 1000   | 9        | 14   |       |      | 175 J   | 4600   |   |       | 3.2    |      |   | 1575  | 510                |        |
| trans- 1,2-Dichloroethene                     | 100    |          |      | 47    |      | 292     |        |   |       | 6.1    |      |   | 107   |                    |        |
| Trichloroethene                               | 1      | 4        |      |       |      | 201 J   | 1700   |   | 33.5  | 29     |      |   | 4395  | 1200               | 330    |
| Vinyl Chloride                                | 5      |          | 670  | 1100  |      |         |        |   |       | 13     |      |   |       |                    |        |
| Xylene (Total)                                | 1000^  | 14       | 30   |       | 40   |         |        |   |       | 36     |      |   | 815   | 690                |        |
| Total Targeted Volatile<br>Organics (ug/L)*** |        | 1232     | 5325 | 13378 | 5310 | 11357   | 336000 |   | 197.6 | 1445.9 | 6633 |   | 41224 | 99860              | 122800 |

- U The compound was not detected at the indicated concentration.
- J Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- B The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- ^ Value is a revision to the Class IIA ground water quality standard based upon the November 18, 1996 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy memo issued by Assistant Commissioner R. Gimello.
- (1) Values listed reflect the combined standards for the cis and trans isomers of 1,3-Dichloropropene. 2950 Indicates exceedance of GWQS.

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RE-SAMPLING AT LOCATION G-3 FOR VOLATILE ORGANIC COMPOUNDS Hexcel Facility Lodi, New Jersey

| Sample ID                          | New Jersey Impact to | G-3RA    | G-3RB    | Trip_Blank_MeOH |
|------------------------------------|----------------------|----------|----------|-----------------|
| Lab Sample Number                  | Ground Water         | 350131   | 350132   | 350134          |
| Sampling Date                      | Soil Cleanup         | 05/13/02 | 05/13/02 | 05/13/02        |
| Matrix                             | Criteria (ug/kg)     | SOLID    | SOLID    | SOLID           |
|                                    | Criteria (ug/kg)     | 50.0     | 50.0     | 50.0            |
| Dilution Factor                    |                      |          |          |                 |
| Units                              | <u> </u>             | ug/Kg    | ug/Kg    | ug/Kg           |
|                                    |                      |          |          |                 |
| VOLATILE COMPOUNDS (GC/MS)         |                      |          |          |                 |
| Chloromethane                      | 10,000               | 670 U    | 650 U    | 620 U           |
| Bromomethane                       | 1,000                | 670 U    | 650 U    | 620 U           |
| VinylChloride                      | 10,000               | 670 U    | 650 Ū    | 620 U           |
| Chloroethane                       | NA NA                | 670 U    | 650 U    | 620 U           |
| MethyleneChloride                  | 1,000                | 400 U    | 390 U    | 380 U           |
| Trichlorofluoromethane             | NA                   | 670 U    | 650 U    | 620 U           |
| 1.1-Dichloroethene                 | 10,000               | 270 U    | 260 U    | 250 U           |
| 1,1-Dichloroethane                 | 10,000               | 670 U    | 650 U    | 620 U           |
| trans-1,2-Dichloroethene           | 50,000               | 670 U    | 650 U    | 620 U           |
| cis-1,2-Dichloroethene             | 1.000                | 670 U    | 650 U    | 620 U           |
| Chloroform                         | 1,000                | 670 U    | 650 U    | 620 U           |
| 1.2-Dichloroethane                 | 1,000                | 270 U    | 260 U    | 250 U           |
| 1.1.1-Trichloroethane              | 50,000               | 670 U    | 650 U    | 620 U           |
| CarbonTetrachloride                | 1.000                | 270 U    | 260 U    | 250 U           |
| Bromodichloromethane               | 1,000                | 130 U    | 130 U    | 120 U           |
| 1,2-Dichloropropane                | NA                   | 130 U    | 130 U    | 120 U           |
| (1) cis-1,3-Dichloropropene        | 1,000                | 670 U    | 650 U    | 620 U           |
| Trichloroethene                    | 1.000                | 130 U    | 130 U    | 120 U           |
| Dibromochloromethane               | 1,000                | 670 U    | 650 U    | 620 U           |
| 1,1,2-Trichloroethane              | 1,000                | 400 U    | 390 U    | 380 U           |
| Benzene                            | 1,000                | 130 U    | 130 U    | 120 U           |
| (1) trans-1,3-Dichloropropene      | 1,000                | 670 U    | 650 U    | 620 U           |
| 2-ChloroethylVinylEther            | NA NA                | 670 U    | 650 U    | 620 U           |
| Bromoform                          | 1,000                | 530 U    | 520 U    | 500 U           |
| Tetrachloroethene                  | 1,000                | 130 U    | 130 U    | 120 U           |
| 1,1,2,2-Tetrachloroethane          | 1,000                | 130 U    | 130 U    | 120 U           |
| Toluene                            | 500,000              | 670 U    | 650 U    | 620 U           |
| Chlorobenzene                      | 1,000                | 670 U    | 650 U    | 620 U           |
| Ethylbenzene                       | 100.000              | 530 U    | 520 U    | 500 U           |
| Xylene(Total)                      | 67,000               | 670 U    | 650 U    | 620 U           |
| Total Confident Conc. VOAs (s)     |                      | 0        | 0        | 0               |
| Total Estimated Conc. VOA TICs (s) | <del> </del>         | 0        | 0        | 0               |
| (0)                                | ш                    |          | <u> </u> | <u> </u>        |

- U The compound was not detected at the indicated concentration.
- J Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- (1) Values listed reflect the combined standards for the cis and trans isomers of 1,3-Dichloropropene.

#### **TABLEVII**

JULY 2002 QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet --All elevations in feet (NGVD)-

| /ell ID  | Туре       | Depth to                                | Depth to | Product  | Product T  | hickness | Depth to                                | Elevation                               | Water                                   | V      | Vell       |  |
|----------|------------|---|----------|----------|--|----------|---|---|---|--------|------------|--|
|          |            | Water                                   | DNAPL    | LNAPL    | DNAPL  | LNAPL    | Bottom                                  | Top of                                  | Elevation                               | Cons   | truction   | Comments   |
|          |            | (7/1/2002)                              |          |          |  |          | (7/1/2002)                              | Casing                                  | (7/1/2002)                              | Туре   | Casing     |  |
| N C!     |            |   |          |          |  |          |   |   |   |        |            |  |
| V Series | 5:         |   |          |          |  |          |   |   |   |        |            |  |
|          |            | *************************************** |          |          | THE COLUMN AND PERSONS ASSESSMENT |          | *************************************** | *************************************** | *************************************** |        | <u> </u>   |  |
| 5144.4   |            | 4.05                                    |          |          |  |          | 10.00                                   | 20.24                                   | 20.00                                   |        |            |  |
| RW1-1    | shallow    | 4.25                                    |          |          | <br>[  |          | 13.83                                   | 28.24                                   | 23.99                                   | flush  | s.steel    |  |
| RW6-1    | shallow    | 1,86                                    |          |          |  |          | 13.61                                   | 28.86                                   | 27.00                                   | flush  | s.steel    |  |
| RW6-2    | shallow    | 1.78                                    |          |          |  |          | 12.82                                   | 28.99                                   | 27.21                                   | flush  | s.steel    |  |
| RW6-3    | shallow    | 3.00                                    |          |          | **   |          | 5.39                                    | 28.67                                   | 25.67                                   | flush  | s.steel    |  |
|          |            |   |          |          |  |          | *************************************** |   | **************************************  |        |            |  |
| RW7-1    | shallow    | 5.31                                    |          |          |  |          | . 16.60                                 | 26.25                                   | 20.94                                   | flush  | s.steel    |  |
| RW7-2    | shallow    | 5.56                                    |          |          |  |          | 16.79                                   | 26.48                                   | 20.92                                   | flush  | s.steel    |  |
| RW7-3    | shallow    | 6.15                                    |          |          |  | ļ        | 17.19                                   | 26.78                                   | 20.63                                   | flush  | s.steel    |  |
| RW7-4    | shallow    | 6.54                                    |          |          |  |          | 19.01                                   | 27.11                                   | 20.57                                   | flush  | s.steel    |  |
| RW7-5    | shallow    | 7.13                                    |          |          |  |          | 19.24                                   | 27.57                                   | 20.44                                   | flush  | s.steel    | and way, the state of the state |
|          |            | **                                      |          |          |  | ļ        | ······································  |   | ««»                                     |        | ļ          |  |
| RW7-6    | shallow    | 6.77                                    |          |          |  |          | 14.94                                   | 26.48                                   | 19.71                                   | flush  | s.steel    |  |
| RW7-7    | shallow    | 6.69                                    |          | ~-       |  |          | 14.76                                   | 26.89                                   | 20.20                                   | flush  | s.steel    | and the state of t |
| RW7-8    | shallow    | 4.07                                    |          |          |  |          | 14.91                                   | 25.90<br>26.87                          | 21.83                                   | flush  | s.steel    |  |
| RW7-9    | shallow    | 6.88                                    |          |          | <br>   |          | 16.12<br>14.16                          | 26.87                                   | 19.99<br>19.06                          | flush  | s.steel    |  |
| RW7-10   | shallow    | 7.04                                    |          |          |  |          | 14.10                                   | 20.10                                   | 19.00                                   | flush  | s.steel    | and the bound of the second of |
| RW15-1   | shallow    | 5.66                                    |          |          |  |          | 14.89                                   | 29.95                                   | 24.29                                   | flush  | s.steel    |  |
| RW15-2   | shallow    | NI<br>NI                                |          |          |  |          | NI                                      | 30.15                                   | NI ·                                    | flush  | s.steel    |  |
|          | 5.12.10.17 |   |          |          | .,   | ļ        |   |   | , <b>41</b>                             | 1.3011 | 1          |  |
|          |            |   |          | <u> </u> | I  | 1        | <u> </u>                                | I.—                                     |   | L      | 1          |  |
| Series:  |            |   |          |          |  |          |   |   |   |        |            |  |
| P-1      | shallow    | 5.87                                    |          |          |  |          | 9.27                                    | 30.09                                   | 24.22                                   | flush  | 1.5" pvc   |  |
| P-2      | shallow    | WA                                      |          |          |  | ļ        | WA                                      | 30.19                                   | WA `                                    | flush  |            | Well was sealed on 29 March 1996.  |
|          | 1          | Landente                                | .1       | L        | L  | .1       |   | 1                                       |   | 1      | I          | 1  |
| Series:  |            |   |          |          |  |          |   |   |   |        |            |  |
| PI-1     | deep       | NI                                      | T        |          | 1  | ·        | Ni                                      | 26.90                                   | Ni                                      | flush  | 8" s.steel | Total maria and the control of the c |

### TABLEVII JULY 2002 QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY

-All measurements in feet -All elevations in feet (NGVD)-

| Vell ID   | Туре   | Depth to                                       | Depth to | Product  | Product T              | hickness | Depth to   | Elevation  | Water  | w   | ell /   |                                    |
|---|--|--|----------|--|------------------------|----------|--|--|--|---|---|------------------------------------|
|   | 1  | Water  | DNAPL    | LNAPL  | DNAPL                  | LNAPL    | Bottom   | Top of   | Elevation  | Const   | ruction   | Comments                           |
|   |  | (7/1/2002)                                     |          |  | <u></u>                |          | (7/1/2002)   | Casing   | (7/1/2002)   | Туре  | Casing  | 1                                  |
| V Series  | s:   |  |          |  |                        |          |  |  |  |   |   |                                    |
| CW-1  | shallow  | 7.04   |          |  | ~-                     | ~-       | 11.42  | 29.77  | 22.73  | flush   | s.steel   |                                    |
| CW-2  | shallow  | NI   |          |  |                        |          | NI   | 29.51  | NI   | flush   | s.steel   | ·                                  |
| CW-3  | shallow  | NI   |          |  |                        |          | NI   | 29.72  | NI   | flush   | s.steel   |                                    |
| CW-4  | shallow  | 6.05   |          |  | ~-                     | ~-       | 10.97  | 28.83  | 22.78  | flush   | s.steel   |                                    |
| CW-5  | shallow  | NI   |          |  |                        |          | NI   | 28.67  | NI   | flush   | s.steel   |                                    |
| CW-6  | shallow  | NI   |          | ) <u></u> 1,5,5,6,6,6,6,6,6,6,6,6,6,6,6,6,6,6,6,6, | ********************** | <u>{</u> | NI   | 28.93  | NI   | flush   | s.steel   |                                    |
| CW-7  | shallow  | 6.74   | ~~       |  | ~-                     |          | 13.96  | 26.13  | 19.39  | flush   | s.steel   | LNAPL on Probe**                   |
| CW-8  | shallow  | 8.23   |          |  | ~-                     |          | 13.96  | 26.77  | 18.54  | flush   | s.steel   |                                    |
| CW-9  | shallow  | Ni   |          |  |                        | <u> </u> | NI   | 26.37  | NI   | flush   | s.steel   |                                    |
| CW-10   | shallow  | 7.27   |          |  | ~ ~                    | ~-       | 10.22  | 25.91  | 18.64  | flush   | s.steel   |                                    |
|   |  |  |          |  |                        |          |  |  |  |   |   |                                    |
|   |  |  |          |  |                        |          |  |  |  |   |   |                                    |
| V Serie:  | s (contir  |  |          |  |                        |          | NI   | 25.74  | NI   | vaulthox  | s steel   |                                    |
| V Series  | shallow  | NI   |          |  |                        |          | NI<br>13.81  | 25.74<br>25.71   | NI<br>18 53  | vaultbox  | s.steel   | DNAPI on Probe**                   |
| V Series  | shallow<br>shallow   | NI<br>7.18                                     |          |  |                        |          | 13.81  | 25.71  | 18.53  | flush   | s.steel   | DNAPL on Probe * *                 |
| V Serie:  CW-11  CW-12  CW-13   | shallow<br>shallow<br>shallow  | NI<br>7.18<br>NI                               |          |  |                        |          | 13.81<br>NI  | 25.71<br>26.05   | 18.53<br>NI  | flush<br>flush  | s.steel<br>s.steel  | DNAPL on Probe * *                 |
| V Series  | shallow<br>shallow   | NI<br>7.18                                     |          |  |                        |          | 13.81  | 25.71  | 18.53  | flush   | s.steel   | DNAPL on Probe**                   |
| W Series  CW-11  CW-12  CW-13  CW-14  | shallow<br>shallow<br>shallow<br>shallow   | NI<br>7.18<br>NI<br>7.76                       |          |  |                        |          | 13.81<br>NI<br>13.77                               | 25.71<br>26.05<br>26.37  | 18.53<br>NI<br>18.61                               | flush  <br>flush  <br>flush                           | s.steel<br>s.steel<br>s.steel                                   | DNAPL on Probe**                   |
| W Series  CW-11  CW-12  CW-13  CW-14  | shallow<br>shallow<br>shallow<br>shallow   | NI<br>7.18<br>NI<br>7.76                       |          |  |                        |          | 13.81<br>NI<br>13.77                               | 25.71<br>26.05<br>26.37  | 18.53<br>NI<br>18.61                               | flush  <br>flush  <br>flush                           | s.steel<br>s.steel<br>s.steel                                   | DNAPL on Probe**  DNAPL on Probe** |
| CW-11<br>CW-12<br>CW-13<br>CW-14<br>CW-15                                     | shallow<br>shallow<br>shallow<br>shallow   | NI<br>7.18<br>NI<br>7.76<br>NI                 |          |  |                        |          | 13.81<br>NI<br>13.77<br>NI                         | 25.71<br>26.05<br>26.37<br>26.31                                     | 18.53<br>NI<br>18.61<br>NI                         | flush<br>flush<br>flush                               | s.steel<br>s.steel<br>s.steel<br>s.steel                        |                                    |
| CW-11<br>CW-12<br>CW-13<br>CW-14<br>CW-15                                     | shallow<br>shallow<br>shallow<br>shallow<br>shallow                                  | NI<br>7.18<br>NI<br>7.76<br>NI                 |          |  |                        |          | 13.81<br>NI<br>13.77<br>NI                         | 25.71<br>26.05<br>26.37<br>26.31<br>26.45                            | 18.53<br>NI<br>18.61<br>NI<br>18.83                | flush<br>flush<br>flush<br>flush<br>flush             | s.steel s.steel s.steel s.steel                                 |                                    |
| CW-11<br>CW-12<br>CW-13<br>CW-14<br>CW-15<br>CW-16<br>CW-17                   | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow                       | NI<br>7.18<br>NI<br>7.76<br>NI<br>7.62<br>6.90 |          |  |                        |          | 13.81<br>NI<br>13.77<br>NI<br>13.86<br>13.91       | 25.71<br>26.05<br>26.37<br>26.31<br>26.45<br>26.25                   | 18.53<br>NI<br>18.61<br>NI<br>18.83<br>19.35       | flush flush flush flush flush flush                   | s.steel s.steel s.steel s.steel s.steel                         |                                    |
| CW-11<br>CW-12<br>CW-13<br>CW-14<br>CW-15<br>CW-16<br>CW-17<br>CW-18          | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow            | NI<br>7.18<br>NI<br>7.76<br>NI<br>7.62<br>6.90 |          |  |                        |          | 13.81<br>NI<br>13.77<br>NI<br>13.86<br>13.91       | 25.71<br>26.05<br>26.37<br>26.31<br>26.45<br>26.25<br>26.61          | 18.53<br>NI<br>18.61<br>NI<br>18.83<br>19.35       | flush flush flush flush flush flush flush             | s.steel s.steel s.steel s.steel s.steel s.steel s.steel         |                                    |
| CW-11<br>CW-12<br>CW-13<br>CW-14<br>CW-15<br>CW-16<br>CW-17<br>CW-18<br>CW-19 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | NI 7.18 NI 7.76 NI 7.62 6.90 NI                |          |  |                        |          | 13.81<br>NI<br>13.77<br>NI<br>13.86<br>13.91<br>NI | 25.71<br>26.05<br>26.37<br>26.31<br>26.45<br>26.25<br>26.61<br>26.50 | 18.53<br>NI<br>18.61<br>NI<br>18.83<br>19.35<br>NI | flush flush flush flush flush flush flush flush flush | s.steel s.steel s.steel s.steel s.steel s.steel s.steel s.steel |                                    |

LODI, NEW JERSEY

## TABLEVII JULY 2002 QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet --All elevations in feet (NGVD)-

| ell ID  | Туре    | Depth to                                |       |         | Product T | ¥        | Depth to   | Elevation | Water      | W       |   |   |
|---------|---------|---|-------|---------|-----------|----------|------------|-----------|------------|---------|---|---|
|         |         | Water                                   | DNAPL | LNAPL   | DNAPL     | LNAPL    | Bottom     | Top of    | Elevation  | ·       | ruction   | Comments  |
|         | ll      | (7/1/2002)                              |       |         | <u> </u>  |          | (7/1/2002) | Casing    | (7/1/2002) | Туре    | Casing  | <u> </u>  |
| √ Serie | s:      |   |       |         |           |          |            |           |            |         |   |   |
| MW-1    | deep    | 10.02                                   |       |         |           |          | 23.48      | 32.42     | 22.40      | stickup | pvc   |   |
| MW-2    | shallow | 7.42                                    |       |         |           |          | 10.25      | 31.00     | 23.58      | stickup | pvc   |   |
| MW-3    | deep    | 10.44                                   |       |         |           |          | 30.58      | 31.13     | 20.69      | stickup | pvc   |   |
| MW-4    | shallow | dry                                     |       |         |           |          | 9.90       | 32.34     | dry        | stickup | pvc   | Стана на применения при при при при при при при при при при   |
| MW-5    | deep    | 11.28                                   |       |         |           |          | 28.33      | 32.54     | 21.26      | stickup | pvc   |   |
|         |         |   |       |         |           |          |            |           |            | 1       |   | <del>Стану</del> ру до на применения под применения на применения н |
| MW-6    | shallow | 9.71                                    | 18.33 |         | 0.02      |          | 18.35      | 30.74     | 21.03      | stickup | pvc   | DNAPL on Probe, LNAPL on Probe**  |
| MW-7    | deep    | 9.76                                    |       |         |           |          | 32.85      | 30.68     | 20.92      | stickup | pvc   | The state of the s          |
| MW-8    | shallow | 11.87                                   | 17.31 |         | 0.01      |          | 17.32      | 30.26     | 18.39      | stickup | pvc   | DNAPL on Probe  |
| MW-9    | deep    | 8.89                                    |       |         |           |          | 29.29      | 29.83     | 20.94      | stickup | pvc   | The state of the s          |
| MW-10   | shallow | 12.54                                   |       |         |           | ļ        | 17.08      | 30.83     | 18.29      | stickup | pvc   | ·   |
|         |         | *************************************** |       |         |           |          |            |           |            |         |   |   |
| MW-11   | deep    | 10.12                                   |       |         |           |          | 33.58      | 30.78     | 20.66      | stickup | pvc   |   |
| MW-12   | shallow | 10.17                                   |       |         |           |          | 17.16      | 31.01     | 20.84      | stickup | pvc   |   |
| MW-13   | deep    | 9.82                                    |       |         |           |          | 33.15      | 31.16     | 21.34      | stickup | pvc   |   |
| MW-14   | shallow | 11.57                                   |       |         |           |          | 15.56      | 30.70     | 19.13      | stickup | pvc   |   |
| MW-15   | deep    | 8.99                                    |       |         | ~-        | Ī        | 25.55      | 30.77     | 21.78      | stickup | pvc   | The completion of the control of the          |
|         |         | *************************************** |       |         |           | ĺ        |            |           |            |         | 14 <b>201170011</b> 1101400111111111111111111111111 |   |
| MW-16   | shallow | 5.37                                    |       |         |           |          | 12.54      | 29.69     | 24.32      | stickup | pvc   |   |
| MW-17   | shallow | 9.10                                    |       |         |           | Ī        | 14.07      | 31.44     | 22.34      | stickup | pvc   |   |
| MW-18   | shallow | 8.35                                    |       |         |           |          | 11.34      | 32.23     | 23.88      | stickup | pvc   |   |
| MW-19   | deep    | 7.28                                    |       |         |           |          | 26.55      | 29.08     | 21.80      | stickup | pvc   |   |
| MW-20   | shallow | 5.02                                    |       | ~~      |           |          | 19.77      | 27.95     | 22.93      | flush   | pvc   |   |
|         |         |   |       | <u></u> |           | <u> </u> | 4.00       |           |            |         | marakan lomatan na                                  |   |
| MW-21   | shallow | 8.57                                    |       |         |           |          | 14.82      | 30.67     | 22.10      | stickup | pvc   |   |
| MW-22   | shallow | 5.55                                    |       |         |           |          | 8.22       | 28.45     | 22.90      | flush   | pvc   |   |
| MW-23   | shallow | 3.93                                    |       |         |           |          | 9.57       | 27.51     | 23.58      | flush   | pvc   |   |
| MW-24   | shallow | 2.34                                    |       |         |           |          | 9.66       | 26.51     | 24.17      | flush   | pvc   |   |
| MW-25   | shallow | NA                                      |       |         |           | <u> </u> | NA         | 26.03     | NA         | flush   | pvc   | Well on NAPP property, access denied.   |

#### **TABLEVII**

### JULY 2002 QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

| Vell ID  | Туре      | Depth to   | Depth to | Product | Product T | hickness | Depth to                               | Elevation | Water      | ) w     | ell     |   |
|----------|-----------|------------|----------|---------|-----------|----------|--|-----------|------------|---------|---------|---|
| j        |           | Water      | DNAPL    | LNAPL   | DNAPL     | LNAPL    | Bottom                                 | Top of    | Elevation  | Const   | ruction | Comments  |
|          |           | (7/1/2002) |          |         |           | <u> </u> | (7/1/2002)                             | Casing    | (7/1/2002) | Type    | Casing  |   |
| W Serie: | s (conti  | nued):     |          |         |           |          |  |           |            |         |         |   |
| VV OCITO | 3 (0011ti |            |          |         | ]         | 1        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |           |            | T       |         | Parameter annual contraction of the contraction of           |
| MW-26    | (a)       | 7.05       |          | ~-      |           | <u></u>  | 17.97                                  | 28.85     | 21.80      | flush   | 2" pvc  |   |
| MW-27    | shallow   | 7.05       | ~~       | ~_      |           |          | 11.95                                  | 31,69     | 24.64      | stickup | pvc     | `   |
| MW-28    | shallow   | 10.50      |          |         |           |          | 14.85                                  | 29.68     | 19.18      | stickup | pvc     |   |
| MW-29    | shallow   | 3.73       |          |         |           |          | 9.21                                   | 27.32     | 23.59      | flush   | pvc     |   |
| MW-30    | shallow   | 4.50       |          | ~-      |           |          | 10.45                                  | 28.08     | 23.58      | flush   | . pvc   |   |
| MW-31    | shallow   | NA NA      |          |         |           |          | NA                                     | 27.95     | NA         | flush   | pvc     | <br> Well on NAPP property, access denied.  |
| MW-32B   | shallow   | 8.18       |          | ~-      |           |          | 11.13                                  | 31.23     | 23.05      | flush   | pvc     |   |
| MW-33    | shallow   | 9.80       | ~-       |         |           | Ī        | 16.89                                  | 31.72     | 21.92      | stickup | pvc     | <del>(1919) — Сервен Серве</del> |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

\*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness \* specific gravity). Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

\*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE VIII Page 1 of 1

JUNE 2002 MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

#### MEASUREMENTS COLLECTED :12 June 2002

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments                 |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------------|
| MW-6    | shallow | 9.37              |          |                  |                  |                    | 18.16              | 30.74                         | 21.37              | DNAPL & LNAPL on Probe** |
| MW-8    | shallow | 11.81             | 17.28    |                  | 0.01             |                    | 17.29              | 30.26                         | 18.45              | DNAPL on Probe           |
| MW-17   | shallow | 8.80              |          |                  |                  |                    | 14.06              | 31.44                         | 22.64              |                          |
| CW-12   | shallow | 7.03              |          |                  |                  |                    | 13.89              | 25.71                         | 18.68              | DNAPL & LNAPL on Probe** |
| CW-16   | shallow | 7.49              | 13.78    |                  | 0.07             |                    | 13.85              | 26.45                         | 18.96              | DNAPL & LNAPL on Probe   |
| RW7-3   | shallow | 5.80              |          |                  |                  |                    | 17.15              | 26.78                         | 20.98              | LNAPL on Probe**         |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness X specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# 882010142

## TABLE IX AUGUST 2002 MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

#### MEASUREMENTS COLLECTED 1 August 2002

| Well ID | Туре    | Depth to | Depth to | o Product | Product | Thickness | Depth to | Elevation        | Water     |                        |
|---------|---------|----------|----------|-----------|---------|-----------|----------|------------------|-----------|------------------------|
| ,       |         | Water    | DNAPL    | LNAPL     | DNAPL   | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments               |
| MW-6    | shallow | 10.11    |          |           |         |           | 18.11    | 30.74            | 20.63     | LNAPL/DNAPL on probe** |
| MW-8    | shallow | 12.21    |          |           |         |           | 17.31    | 30.26            |           | LNAPL/DNAPL on probe** |
| MW-17   | shallow | 9.61     |          |           |         |           | 14.06    | 31.44            | 21.83     |                        |
| CW-12   | shallow | 7.44     |          |           |         |           | 13.79    | 25.71            | 18.27     | LNAPL on probe**       |
| CW-16   | shallow | 7.99     |          |           |         |           | 13.88    | 26.45            | 18.46     | LNAPL/DNAPL on probe** |
| RW7-3   | shallow | 6.56     |          |           |         |           | 17.19    | 26.78            | 20.22     |                        |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

TABLE X PRODUCT RECOVERY HEXCEL FACILITY LODI, NEW JERSEY

Total Volume (Oct 1994 through

August 2002)

#### MW-6 DNAPL Product Recovery (gallons)

|                   | , ,,                  | •    |
|-------------------|-----------------------|------|
| Date              | MW-6                  |      |
| 5/1/2002          | 0.1                   |      |
| 5/7/2002          | 0.0                   |      |
| 5/13/2002         | 0.03                  |      |
| 5/20/2002         | 0.05                  |      |
| 5/28/2002         | 0.05                  |      |
| 6/3/2002          | 0.05                  |      |
| 6/12/2002         | 0.01                  |      |
| 6/17/2002         | 0.05                  |      |
| 6/24/2002         | 0                     |      |
| 7/1/2002          | 0.05                  |      |
| 7/18/2002         | NA/Equip. Malfunction | İ    |
| 7/26/2002         | 0.05                  |      |
| 8/1/2002          | 0.05                  |      |
| 8/6/2002          | 0                     |      |
| 8/13/2002         | 0                     |      |
| 8/21/2002         | 0.05                  |      |
| 8/27/2002         | 0.05                  |      |
| Total Volume      |                       |      |
| (May 2002 through | 0.5 gal               | lons |
| August 2002)      |                       |      |
|                   |                       |      |

31.8

gallons

HALEY & ALDRICH TABLE X PRODUCT RECOVERY HEXCEL FACILITY LODI, NEW JERSEY

#### **CW-16 DNAPL Product Recovery (gallons)**

| Date        | CW-16     |             |
|-------------|-----------|-------------|
| 5/13/2002   | 0         |             |
| 5/20/2002   | 0         |             |
| 5/28/2002   | 0         |             |
| 6/3/2002    | 0.1       |             |
| 6/12/2002   | 0.05      |             |
| 6/17/2002   | 0         |             |
| 6/24/2002   | 0         |             |
| 7/1/2002    | 0         |             |
| 7/18/2002   | NA/Equip. | Malfunction |
| 7/26/2002   | 0         |             |
| 8/1/2002    | 0         |             |
| 8/6/2002    | 0         |             |
| 8/13/2002   | 0         |             |
| 8/21/2002   | 0         |             |
| otal Volume |           |             |
|             |           |             |

Total Volume (May 2002 through August 2002)

TABLE X
PRODUCT RECOVERY
HEXCEL FACILITY
LODI, NEW JERSEY

| RW7-3 DNAPL P<br>Date                                | roduct F<br>RW7-3 | Recovery (gallons) | RW6-1 DNAPL Pro                                      | oduct R<br>RW6-1 | ecovery (gallons) |
|--|-------------------|--------------------|--|------------------|-------------------|
| Total Volume<br>(May 2002<br>through August<br>2002) | 0.0               | gallons            | Total Volume<br>(May 2002<br>through August<br>2002) | 0.0              | gallons           |
| Total Volume<br>(Oct 1994<br>through August<br>2002) | 3.7               | gallons            | Total Volume<br>(Oct 1994<br>through August<br>2002) | 0.6              | gallons           |

| CW-12 DNAPL P  | roduct Red | covery (gallons) | MW-8 DNAPL Pro                                       | duct Reco | very (gallons) |
|--|------------|------------------|--|-----------|----------------|
| Date   | CW-12      |                  | Date   | 8-WM      |                |
| 5/13/2002  | 0          |                  | 5/13/2002  | 0.15      |                |
| 5/20/2002  | 0          |                  | 5/20/2002  | 0.05      |                |
| 5/28/2002  | 0          |                  | 5/28/2002  | 0         |                |
| 6/3/2002   | 0          |                  | 6/3/2002   | 0.05      |                |
| 6/12/2002  | 0          |                  | 6/12/2002  | 0.01      |                |
| 6/17/2002  | 0.05       |                  | 6/17/2002  | 0.01      |                |
| 6/24/2002  | 0          |                  | 6/24/2002  | 0.01      |                |
| 7/1/2002   | 0          |                  | 7/1/2002   | 0.01      |                |
| 7/18/2002  | NA/Equip   | . Malfunction    | 7/18/2002  | NA/Equip  | . Malfunction  |
| 7/26/2002  | 0          |                  | 7/26/2002  | 0         |                |
| 8/1/2002   | 0          |                  | 8/1/2002   | 0         |                |
| 8/6/2002   | 0.05       |                  | 8/6/2002   | 0.05      |                |
| 8/13/2002  | 0          |                  | 8/13/2002  | 0.05      |                |
| 8/21/2002  | 0          |                  | 8/21/2002  | 0.05      |                |
| Total Volume<br>(May 2002<br>through August<br>2002) | 0.1        | gallons          | Total Volume<br>(May 2002<br>through August<br>2002) | 0.44      | gallons        |
| Total Volume<br>(Oct 1994<br>through August<br>2002) | 0.8        | gallons          | Total Volume<br>(Oct 1994<br>through August<br>2002) | 0.84      | gallons        |

#### **FIGURES**



#### APPENDIX D

#### Polychlorinated Biphenyls (PCBs) Soil Testing Results

- Figure 4: Polychlorinated Biphenyls (PCBs) Soil Testing Results
- Figure 5: Surficial Post-Excavation Sample Locations and PCB Results
- Electronic Deliverables Diskette (NJDEP-Original Only) and EDSA Check Print-Out



|           |                      | TRESOLIS                                |
|-----------|----------------------|---|
| SAMPLE ID | SAMPLE DEPTH<br>(FT) | PCB's (ppm)                             |
| PE-1      | 1.25-1.5             | AROCLOR 1248: 1.8                       |
| PE-2/2DUP | 1.75-2.0             | AROCLOR 1248: 9.8/33                    |
| PE-3      | 1.5-1.75             | AROCLOR 1248; 26                        |
| PE-4      | 1.25-1.5             | AROCLOR 1248: 16                        |
| PE-5      | 1.25-1.5             | AROCLOR 1248: 1500<br>AROCLOR 1254: 380 |
| PE-6      | 1.25-1.5             | AROCLOR 1248: 730                       |
| PE-7      | 1 5-2.0              | AROCLOR 1248: 34                        |
| PE-8      | 1.5-2.0              | AROCLOR 1248: 0.13                      |
| PE-9_     | 1 5-2.0              | AROCLOR 1248: 0.66                      |

SURFICIAL POST-EXCAVATION RESULTS

LEGEND

PROPERTY BOUNDARY

XXX FENCE

PCB EXCAVATION SAMPLE

THE SURFACE EXCAVATION WAS EXTENDED BEYOND THESE MAY 2001 SURFICIAL SAMPLE LOCATIONS

AREA OF SURFACE EXCAVATION (MAY 2001)

AREA OF EXTENDED SURFACE EXCAVATION (AUGUST 2001)

NOTES:

1.) BASE PLAN PROVIDED BY KILLAM ASSOCIATES.

UNDERGROUND E NGINEERING & E NVIRONMENTAL SOLUTIONS

150 MINERAL SPRING DRIVE DOVER, N. W. JERSEY 07801 TEL: 975-361-3600 FAX: 973-381-3800

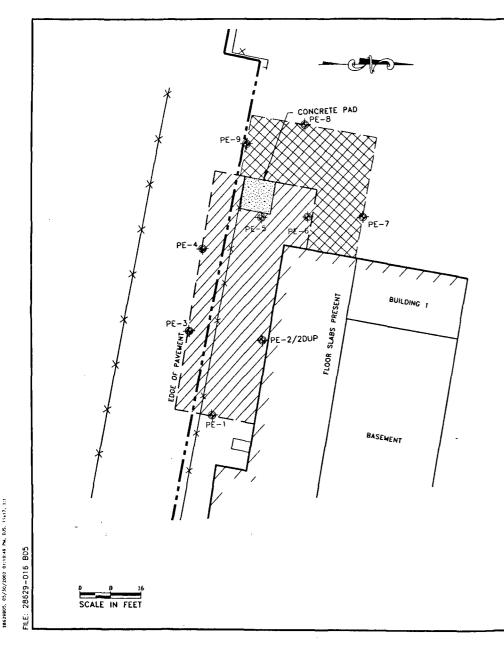
HEXCEL FACILITY LODI, NEW JERSEY

SURFICIAL POST-EXCAVATION SAMPLE LOCATIONS AND PCB RESULTS

SCALE: AS SHOWN

MAY 2002

FIGURE 5



#### APPENDIX E

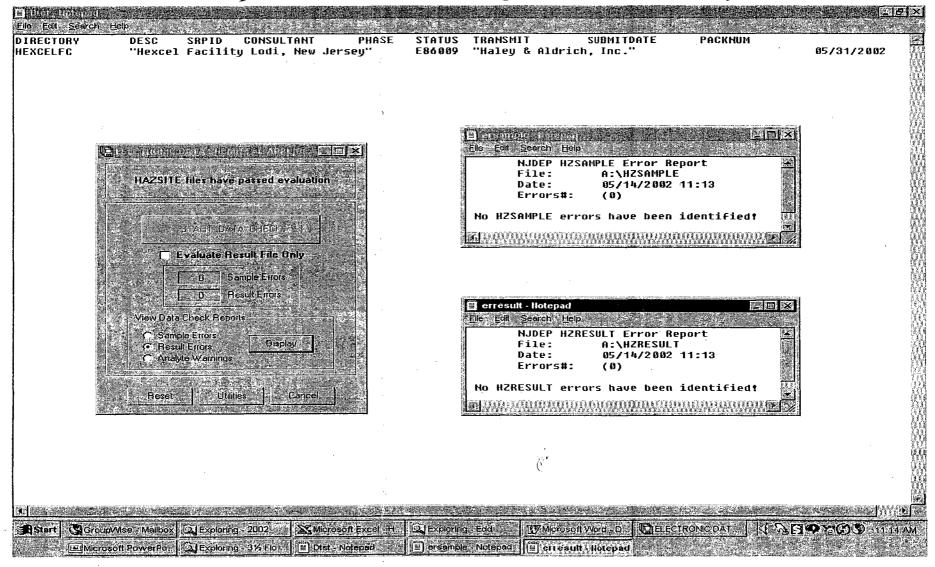
Disposal Manifests and Clean-Fill Certification for Surficial PCB Excavation



# Hexcel Corporation Electronic Deliverables Submission Checked with EDSA Version 5.00.0001

### 31 May 2002 SRPID E86009

Soil Samples Collected on 28 August 2001 and 29 May 2001



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| 001<br>Generator's Telephone Number 201 472-6800   | कार, असे एक हैं बेडेडेटी पूर्वा  | B. Generator's ID   |  | 報告で <b>が</b><br>・ トード スポート<br>・ トード スポート   |
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| WH CHEMICAL SERVICES, LLC. 150 BALMER RD. 150 DEL CITY NY 14107 NY D 0 4 9   | ে । প্রীয়েশনর বৃদ্ধীয়ের ক্রিক্তার । ।<br>তালে এবং ভাষ্ট্রর রিক্তার ক্রিক্তার   | H. Facility Telephone   | The state of the s | 100日 利用の 200   |
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| health and the environment; OR if I am a small generator, I have made a good faith effort to me and that I can afford.  hted/Typed Name  Signature   | inimize my waste and select th   | ne best waste manageme  | ent method that  | t is available to Day Year   |
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| GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignr classified, packed, marked and labeled, and are in all respects in proper condition for trans regulations and state laws and regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume are practicable and that I have selected the practicable method of treatment, storage, or disposal contents have not provided the environment; OR if I am a small generator, I have made a good faith effort to minime and that I can afford.  | port by high<br>nd toxicity of<br>currently ava | way accord<br>waste general           | ding to a<br>erated to<br>which n | pplicable internation<br>the degree I have de<br>ninimizes the present                       | al and r<br>stermined<br>t and fut | national government<br>d to be economically<br>ture threat to human  |
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| Transporter 2 Acknowledgement of Receipt of Materials  |   |                                       |                                   |  |                                    | Ma O: V  |
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| DEPARTMENT O DIVISION OF DIVIS | STATE OF NEW YORK  OF ENVIRONMENTAL GONSERV  SOLID & HAZARDOUS MATERI  DOUS WASTE MAI  12820, Albany, New Yo  | ATION<br>NS<br>VIFES   | Maraus<br>Fajor |   | #6-770E-0         | S. Con                                    |
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| Designated Facility Name and Site Address  VM CHEMICAL SERVICES, LLC.  550 BALMER RD.  | 10. US EPA ID Number  |                        | អូម៉ែន          | State Facility ID   | <b>v</b> gi±ataa  |   |
| ODEL CITY MY 14107   | N Y D O 4 9 8 3 6   | <u> </u>               |                 | 716 754   | -823              | m - www.ana.com.ana.m                     |
| US DOT Description (Including Proper Shipping Name, Hazard C   | Class and ID Number)  | 12. Cont<br>Number     | $L/_{L}$        | 13. Total   | 14.Unit<br>Wt/Voi |   |
| RQ, POLYCHLORIMATED SIPHEMYLS,   | SOLID MIXTURE,  | · ***                  | ادر اود<br>ا    | est.  | e edina           | EPA                                       |
| en de la company | 7   | 0,0,1                  | D, T            | 96800   | K                 | BUNT                                      |
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| ନ୍ତି । ବିଶ୍ୱର ପ୍ରୟକ୍ତ କ୍ରିଲିକ୍ ପ୍ରଥମ ପ୍ରଥମ କରିଥିଲେ । ଏହି ସହର ଅଧିକ ପ୍ରଥମ କରିଥିଲେ । ଏହି ସହର ଅଧିକ ପ୍ରଥମ ହେ ।<br>  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | <u>ेशक्षकीत्र के</u>   |                 | <del>                                     </del>                  |                   | EPA<br>STATE                              |
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|  |   |                        |                 | ,   |                   | STATE                                     |
| Additional Descriptions for Materials listed Above TTO 474 CB SOIL & DEBRIS • 100  |   |                        | K. Ha           | andling Codes for \   | Wastes            | Listed Above                              |
| on contain on the control of the con |   |                        | b               |   | d                 |   |
| Special Handling Instructions and Additional Information EHTREC Emergency Response Number B OSD 5/31/01 Certificate  | A CONTRACT OF THE CONTRACT OF |                        |                 | ontract   |                   | 26 28 28 28 28 28 28 28 28 28 28 28 28 28 |
| GENERATOR'S CERTIFICATION: I hereby declare that the classified, packed, marked and labeled, and are in all respects in proregulations and state laws and regulations.  If I am a large quantity generator, I certify that I have a program in place   | oper condition for transport by high  | way accord             | ing to a        | applicable internation  | al and n          | ational government                        |
| practicable and that I have selected the practicable method of treatment health and the environment; OR if I am a small generator, I have made a me and that I can afford.   | <ul> <li>t, storage, or disposal currently ava</li> </ul>   | lable to me            | which n         | ninimizes the presen  | t and futi        | ure threat to human                       |
| ed/Typed Name  | Signature 1   | n n ng<br>Ngàya n ngay | 2- 1<br>- 27    |   | 16                | Mo. Day Year                              |
| Transporter Acknowledgement of Receipt of Materials  | Signature   | Ro                     | ر مرور          | A No.   | ا<br>اس           | No. Day Year                              |
| Transporter 2 Acknowledgement of Receipt of Materials<br>d/Typed Name  | Signature   |                        |                 |   |                   | No. Day Year                              |
| Discrepancy Indication Space  (ii) with the authorise of the second of t | en en en en en en en en en en en en en e  | Carrier (1814)         |                 |   | ,                 | 1 W 420                                   |
| Facility Owner or Operator: Certification of receipt of hazardous m  | ್ಕೃತ ಚಿತ್ರಗಳ ಕಟಕಾಮಗಳು   | 37.                    |                 | <u> </u>  |                   | a de grant<br>Graga                       |
| ed/Typed Name  |   | 40 A 16 A 3            | Professional    | national of the particular  |                   | do. Day Year                              |

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DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

## HAZARDOUS WASTE MANIFEST



se type or print. Do not staple.

P.O. Box 12820, Albany, New York 12212

|  | 4.0                                   |  |                  |                |           |                       | (,          | Latioods (18319 Maj klest )            |
|--|---------------------------------------|--|------------------|----------------|-----------|-----------------------|-------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST   | 1. Generator's                        | US EPA No.   |                  | st Doc. No.    | 2. Pa     |                       |             | nin heavy bold line<br>by Federal Law. |
| 3. Generator's Name and Mailing Address  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1012101411   |                  | 1-1-1          | Ā.        |                       | <del></del> |  |
| HEXCEL CORP<br>205 MAIN ST   | ALC: 1                                |  | . •              |                |           | NYB9                  | 529         | 965                                    |
| LODI   | NJ 0764                               | 4-1733   |                  |                | В. С      | Senerator's ID        |             |  |
| 4. Generator's Telephone Nu (472-6)  | 300                                   |  |                  |                | <u> </u>  | SAME                  | ĎΑ          |  |
| 5. Transporter 1 (Company Name)  | rt Inc                                | ANAX   | 1ber<br>7347     | 515            |           | State Transporter's I |             | P                                      |
| 7. Transporter 2 (Company Name)  |                                       | 8. US EPA ID Num   | nber             |                |           | State Transporter's I |             | E1 -4 - 11                             |
| :  |                                       | The same of the sa | 1 1 1            | 1 1 1          | -         | ransporter's Teleph   |             | . )                                    |
| 9. Designated Facility Name and Site Address   |                                       | 10. US EPA ID Nur  | mber             | <del></del>    |           | State Facility ID     | · ·         | <u>/</u>                               |
| CWM CHEMICAL SERVICES  | , LLC                                 |  |                  |                |           | <u> </u>              |             | ·                                      |
| 1550 BALMER RD.  |                                       | ** ** **   | es es 1 e e      | c rt c         |           | acility Telephone (   |             | )                                      |
| HODEL CITY NY 14107  | •                                     | NY DO 4  | 9 8 3 6          | +              |           | 716 754               | -023        | 1                                      |
| 11. US DOT Description (Including Proper Shippin   | ng Name, Hazard Cl                    | lass and ID Number)  |                  | 12. Cont       | ainers    | 13. Total             | 14. Unit    |  |
|  | ,                                     |  |                  | Number         | Туре      | Quantity              | Wt∕Vol      | I. Waste No.                           |
| a RQ, POLYCHLORINATED I  | BIPHENYLS                             | SOLID MI   | KTURE.           |                |           | GIT.                  |             | EPA                                    |
| 9,092315,111   |                                       | <u>.</u>   |                  |                |           | OL GAA                |             | STATE<br>BOO7                          |
| · · · · · · · · · · · · · · · · · · ·  |                                       |  |                  | 0.0.1          | UT        | 96800                 | K.          |  |
| b  |                                       |  |                  | 1              | 1         |                       |             | EPA                                    |
|  | •                                     |  |                  |                |           |                       |             | STATE                                  |
|  |                                       |  |                  | <u> </u>       |           | 1 1 1 1               |             |  |
| c.   | ı                                     |  |                  |                |           | }                     |             | EPA                                    |
|  | •                                     |  | •                |                |           |                       |             | STATE                                  |
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| d.   |                                       |  |                  |                |           |                       |             | EPA                                    |
|  |                                       |  |                  |                |           |                       |             | STATE                                  |
|  | :<br>:                                |  |                  |                | ,         |                       |             | JIAIL                                  |
| J. Additional Descriptions for Materials listed Above  | 9                                     |  |                  |                | K. Han    | dling Codes for Wa    | stes List   | ed Above                               |
| CTO474<br>PCB SOIL & DEBRIS  | 100%                                  |  |                  |                | a.        | ٤                     | C           |  |
|  |                                       |  |                  |                |           |                       |             |  |
| b. ; r 🔺 :   | ı d.                                  |  | 1 4              | , ,            | b.        |                       | d.          |  |
| 15. Special Handling Instructions and Additional Info  | rmation                               |  |                  |                |           | -                     |             | R# 60955                               |
| CHEMTREC Emergency Resi  |                                       | iber (809)   | 424-93           | 00 WM          | I C       | untract               |             |  |
| PCB 060 1 /21/0/   |                                       | tificate   | of Dis           | posal          | Rec       | quired                |             |  |
| Clair G. C. Latter and Chillian Solution.  |                                       |  | _                |                |           | •                     |             |  |
| <ol> <li>GENERATOR'S CERTIFICATION: I here<br/>classified, packed, marked and labeled, and are in a</li> </ol> | by declare that the c                 | contents of this consign   | ment are fully   | and accura     | tely des  | cribed above by pro   | per shipp   | ping name and are rnment regulations   |
| and state laws and regulations.  |                                       |  |                  |                |           |                       |             |  |
| If I am large quantity generator. I certify that I have practicable and that I have selected the practicable   | method of treatment is                | storage, or disposal cur   | rentiv available | e to me which  | n minimiz | zes the present and f | uture thre  | at to human health                     |
| and the environment; OR if I am a smaller generator  | , I have made a good                  | faith effort to minimize r   | ny waste gene    | eration and se | elect the | best waste managen    | nent meth   | nod that is available                  |
| to me and that I can afford.  Printed/Typed Name   | retrait of                            | Signature  |                  |                |           |                       | M           | io. Day Year                           |
| D. A. A. C. O. Clarker   | L Cora                                | 1 Danie  | المل ا           | مسك            | iel       | <u>'</u> _            | , C         | 18,29,01                               |
| 7. Transporter 1 Acknowledgement of Receipt of M   |                                       | عب ومهيو   |                  | · •            |           | .=                    |             | 1 - 1 - 1 - 1                          |
| Printed/Typed Name   | ajoriais .                            | Signature  | • 11             |                |           |                       | M           | <u></u>                                |
| BILL CUT   | ,                                     | De   | u su             | 1              |           |                       |             | 839.91                                 |
| 8. Transporter 2 Acknowledgement of Receipt of M   | aterials                              | T  | - 6              | ·              |           |                       |             |  |
| Printed/Typed Name   |                                       | Signature  |                  |                |           |                       | М           | lo. Day Year                           |
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| 19. Discrepancy Indication Space   |                                       |  |                  |                |           |                       |             |  |
|  | •                                     |  |                  |                |           |                       |             | •                                      |
|  | 1:                                    | <u> </u>   |                  |                |           |                       |             | <del></del>                            |
| 20. Facility Owner or Operator: Certification of receip  | ot of hazardous mat                   |  | manifest exc     | ept as noted   | in Item   | 1 19.                 | <del></del> |  |
| rinted/Typed Name  | · ·                                   | Signature  |                  |                |           |                       | М           | o. Day Year                            |
|  | •                                     | i  |                  |                |           |                       |             |  |

## YB9529947

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS



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| Vacating art Anan of Hazard                                  | lous Waste Manifest 5/00) |

| UNIFORM HAZARDOUS WASTE MANIFEST   | 1. Generator's US EPA No.  | Manifest C   | 00c. No.   2.                          |                             | nation within heavy b    |   |
|--|--|--|--|-----------------------------|--------------------------|---|
| 3. Generator's Name and Mailing Address HEXCEL CORP  | WIND 9781615181<br>wateri an guan tempi tokati in sai<br>mina an inggan tempi tokati in sai  | ্বিক্ত নিৰ্মাণ কৰিছে লাভিক<br>বিক্ত নিৰ্মাণ কৰিছে লাভিক  | Tentro A.                              |                             | 529947                   | an in in in in in in in in in in in in in |
| 205 MAIN ST<br>LODI<br>4. Generator's Telephone Ni201 (472-6   | NJ 07644-1733  | us dienisted besolin   | 8. B.                                  | Generator's ID              | erresis                  | est of a                                  |
| 5. Transporter 1 (Company Name)  | 6. US EPAT   | ID Number  |  | SAME<br>State Transporter's | 10 67 84L F              | W   |
|  |  |  | 755                                    |                             | phone PAD. 64            | -10                                       |
| 7. Transporter 2 (Company Name)  | 8. US EPAT   | D Number   | E.                                     | State Transporter's         |                          | 70 3 2 3 3                                |
|  |  |  |  | Transporter's Telep         | phone ( )                | 7.77                                      |
| Designated Facility Name and Site Address  | 10. US EPA   | ID Number  | G.                                     | State Facility ID           |                          |   |
| CVM CHEMICAL SERVICES<br>1550 BALNER RD.   | A4   | •  |  | Facility Telephone          |                          |   |
| MODEL CITY NY 14107  | 2.70. (1992) (1994) (1994) (1994) (1994) (1994) (1994) (1994)  |  |  |                             |                          |   |
| 1. US DOT Description (Including Proper Shippi   | ng Name, Hazard Class and ID Nur   | mhor)  | 12. Container                          |                             | 14. Uniti                |   |
|  | The state of the s |  | Number Type                            |                             | Wt/Vol I. Was            | te No.                                    |
| RQ, POLYCHLORINATED  | BIPHENYLS, SOLID   | MIXTURE,   | j                                      | € ST.                       |                          |   |
| , UN2315, III  |  | 1  | 0 1 D                                  | 9680                        |                          |   |
|  |  |  | 1:1                                    |                             | EPA                      |   |
| and the second s | and the state of t |  | i i<br>Over Gr                         |                             | STATE                    |   |
|  |  |  | 1-1-1-1                                |                             | EPA                      |   |
|  |  |  | 1.                                     | . [                         | Lin                      |   |
|  |  |  | , ,   ,                                | 1                           | STATE                    |   |
|  |  |  | ┸╾┸╌╂╌┸                                | <del></del>                 | EPA                      |   |
|  |  |  |  |                             |                          |   |
|  | Helian -   | 1  | , ,   ,                                | 1                           | STATE                    |   |
| Additional Descriptions for Materials listed Above   | ve /   |  | K. Ha                                  | ndling Codes for W          | astes Listed Above       |   |
| CT0474 PCB SOIL & DEBRIS   | 100%   |  | a.                                     | L                           | C.                       |   |
|  |  | 4.2.   |  |                             |                          | <u>_</u>                                  |
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| Special Handling Instructions and Additional Inf   |  | <del></del>  | · · · · · · · · · · · · · · · · · · ·  |                             | SR# 6                    | 955                                       |
| HEMTREC Emergency Res  | ponse Number (6)   | 00)424-9300  | IMW C                                  | Contract                    |                          |   |
| CB OSD \$ /A /DI   | Certificat   | te of Dispo  | sal Re                                 | equired                     |                          |   |
| GENERATOR'S CERTIFICATION: I heroclassified, packed, marked and labeled, and are in  | aby declare that the contents of this all respects in proper condition for tran  | consignment are fully an   | d accurately d                         | escribed above by p         | roper shipping name a    | ind are                                   |
| and state laws and regulations.  If I am large quantity generator, I certify that I hav  | re a program in place to reduce the vo   | nlume and toxicity of was  | te generated to                        | the decree I have d         | etermined to be econo    | mically                                   |
| practicable and that I have selected the practicable and the environment; OR if I am a smaller generate to me and that I can afford.   | method of treatment, storage, or dispo   | osal currently available to  | me which minir                         | nizes the present and       | d future threat to humar | nhealth [                                 |
| inted/Typed Name   | Signature  | 1.00   |  | . 0                         | Mo.: Day                 | Year                                      |
| DANIEL & BURCH HEXCE   | L Corp. PA   | ann M  | <u>. Cm</u>                            | uek                         | 0829                     | 01  |
| Transporter 1 Acknowledgement of Receipt of N  |  | 1 1903 CH 57 BRY   |  |                             | 14- 0                    |   |
| JEFFRY LKYDFYF   | AL Signature   | - fr   | -1/                                    |                             | O I Z                    | Year /                                    |
| Transporter 2 Acknowledgement of Receipt of M  |  |  |  |                             |                          |   |
| nted/Typed Name  | Signature  |  |  |                             | Mo. Day                  | 100                                       |
|  | •  | - 1  |  |                             |                          | Year                                      |
| Discrepancy Indication Space   | ever g   |  | ······································ |                             |                          | Year                                      |
| Discrepancy Indication Space   |  |  |  |                             |                          | Year                                      |
| ing the state of t | <u> </u>   | by this manifest except  | as noted in Ite                        | m <b>19</b> .               |                          | Year<br>1                                 |
| Facility Owner or Operator: Certification of rece  | <u> </u>   |  | as noted in Ite                        | m 19.                       |                          | Year                                      |
| Discrepancy Indication Space  Facility Owner or Operator: Certification of receinted/Typed Name  | ipt of hazardous materials covered l   |  | as noted in Ite                        | m 19.                       |                          | 1. i                                      |

1000と3330 DIVISION OF SOLID & HAZAFDOUS MATERIALS Transpirit ecoseoù e dan<mark>ste</mark>ggoud diffolgett HAZARDOUS WASTE MANIFEST dear of all lessing master they generally. The release type or print. Do not staple, and religious of the P.O. Box 12820, Albany, New York 12212 1. Generator's US EPA No. Manifest Doc. No. | 2. Page 1 of **UNIFORM HAZARDOUS** Information within heavy bold line is not required by Federal Law. WASTE MANIFEST NJD9865841348602 3. Generator's Name and Mailing Address HEXCEL CORP 医骶骨性性 医动物性病 网络阿特人人名 205 MAIN ST B. Generator's ID NJ 07644-1733 LODI 4. Generator's Telephone N.201 (472-6800 SAME 5. Transporter 1 (Company Name) 6. US EPA ID Number C. State Transporter's ID US BUL Trans PAD967347 D. Transporter's Telephone 7. Transporter 2 (Company Name) 8. US EPA ID Number E. State Transporter's ID Transporter's Telephone 9. Designated Facility Name and Site Address 10. US EPA ID Number G. State Facility ID CVM CHEMICAL SERVICES, H. Facility Telephone ( 1550 BALMER RD. 1.135.8 N Y D 0 4 9 8 3 6 6 7 9 716 754-8231 MODEL CITY NY 14107 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) I. Waste No. Number | Type Quantity Wt/Vol EPA £ 27. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9,UN2315,III 0 0 1 DT 9 6 800 STATE BOO7 K STATE EPA STATE **EPA** STATE J. Additional Descriptions for Materials listed Above K. Handling Codes for Wastes Listed Above & DEBRIS 15. Special Handling Instructions and Additional Information SR# 609555 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract PCB OSD 8/29/01 Certificate of Disposal Required GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator. I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

| Printed/Typed Name Agent on behalf DANIEL G. EURICH of HEXCEL           | Signature Daniel & Ewich                                       | 0.829, 91  |
|---|--|--|
| 17. Transporter 1 Acknowledgement of Receipt of Materials               |  |  |
| Glandy AKin   | Signature Hand Chm   | Mo. Day Year<br>  <b>0</b>   <b>8   2</b>   <b>9</b>   <b>6</b>   <b>1</b> |
| 18. Transporter 2 Acknowledgement of Receipt of Materials               |  |  |
| Printed/Typed Name  | Signature  | Mo. Day Year   |
|   |  | 1_1_1_1_1_   |
| 19. Discrepancy Indication Space  |  | · • ·  |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                   |  | <u> </u>   |
| 20. Facility Owner or Operator: Certification of receipt of hazardous n | naterials covered by this manifest except as noted in Item 19. | ·:   |
| Printed/Typed Name  | Signature  | Mo. Day Year   |

### DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS DIVIS

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| UNITURM HAZARDOUS   | US EPA No. Manife  | st Doc. No.                               | 2. Page                               | imorman                                  | on within                  | n heavy bold line<br>/ Federal Law   |
|---|--|---|---------------------------------------|--|----------------------------|--|
| 3. Generator's Name and Mailing Address This is the supposed HEXCEL CORP 205 NAIN 6T  | us flore si mela sin al dista a c<br>Callono sosiola ingribila de più vi   | รัฐเรียกรัฐ                               | Ale to                                | NYB9                                     | 39(                        | 0159   |
| LoD1 #J 07644<br>4. Generator's Telephone Number (201 A72-6800  | i <b>- 1,793</b><br>di gran novojo lajegivi ast va te  | รมลังบุ้นรุชที่กับ                        |                                       | nerator's ID                             | , e                        | 100 MINE 1   |
| 。   | 6. US EPA ID Number  | titiri letak er                           |                                       | te Transporter's                         |                            | 682 CAA  |
| 7. Transporter 2 (Company Name)   | 8. US ERA ID Number visions of   | ag agl of p                               | ∵E∌ Sta                               | insporter's Telep<br>te Transporter's    | ID 360 9                   | 00 4 41 - 84   |
| Designated Facility Name and Site Address   | 10. US EPA ID Number   | ALCOMORPHICAL SERVICES                    |                                       | nsporter's Telepi<br>ite Facility ID     |                            | )  |
| 1550 BALNER RD  | ensal isabid <b>e palabre sec</b> inale.<br>Composition operation of the composi | ។ មានស្វាន់ទៅ<br>ស្រាស់ស្រាស់             | H. Fac                                | ্যান্ত টেই ভারত<br>Sility Telephone (    | e <u>n la resida</u>       | 了。<br>   |
| <del></del>   | W Y D O 4 9 8 3 6  | 6 7 9                                     |                                       | 716 754                                  | - <b>823</b>               | <b>1</b> → we have   |
| 1. US DOT Description (Including Proper Shipping Name, Hazard C   | Class and ID Number)   | Number                                    |                                       | Quantity                                 | Wt/Vol                     | I. Waste No.   |
| a.RQ. n.POLYCHLORINATED BIPHENYLS.  | SOLID MIXTURE,   | ren di d                                  | ৰখান্ত ব                              | ST. States                               |                            | EPA  |
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| 1.  |  |   |                                       | <del></del>                              | ٤                          | EPA  |
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| 5. Special Handling Instructions and Additional Information   | Cherry address, driedend<br>Cherry Carana (1924)   | 160 AN                                    | L Ca                                  | ntract                                   | ٤                          | R# 59840   |
| HEMTREC Emergency Response Numb   | of Disposal Re   | squire                                    | s d                                   |  |                            |  |
| 6. GENERATOR'S CERTIFICATION: I hereby declare that the collassified, packed, marked and labeled, and are in all respects in proceedings and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place practicable and that I have selected the practicable method of treatment health and the environment; OR if I am a small generator, I have made a me and that I can afford.  | oper condition for transport by high<br>to reduce the volume and toxicity of<br>t. storage, or disposal confently avail  | way accordi<br>waste gener<br>lable to me | ng to app<br>ated to the<br>which min | e degree I have de<br>imizes the present | al and notermined and futu | ational government<br>to be economically<br>ire threat to human  |
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| 7. Transporter 1 Acknowledgement of Receipt of Materials  | United to the training of the  | <del>ak y</del><br>Kanadara               | the sec                               |  | ······ <b>/</b>            | P. Bit IOI   |
| inted Typed Name  | Signature  | in.                                       | ~                                     | . \                                      | <b>か</b>                   | o Day Year   |
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DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

OF MINISTRACTION

P.O. Box 12820, Albany, New York 12212

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| Generator's Telephone Number (201) 472-6800  Transporter 1 (Company Name)  B. USEPA ID Number (Company Name)  B. USEPA ID Number (Company Name)  B. USEPA ID Number (Company Name)  B. USEPA ID Number (Company Name)  B. USEPA ID Number (Company Name)  D. Transporter's ID (Company Name)  E. State Transporter's ID (Company Name)  D. Transporter's ID (Company Name)  F. Transporter's ID (Company Name)  F. Transporter's ID (Company Name)  D. Transporter's ID (Company Name)  F. Transporter's ID (Company ID (Company Name)  F. Transporter's ID (Company ID (Compa | HENCEL CURP<br>208 MAIN ST   | The state of the s | Ball Car   |           | NAR8   | 1391                        | 0168   |
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| Transporter's Telephone G.  B. US EPALD Number:  B. US EPALD Number:  Designated Facility Name and Site Address  VM CHENICAL SERVICES LLC.  550 BALHER RD  DODEL CITY NY 14107  NY D.O. 4.9.8.3 6.6.7.9  H. Facility Telephone G.  TOUR CHENICAL SERVICES LLC.  STORE TO THE STATE STATE  US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)  Number Type Quantity Wilvot I. Waste No.  RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE.  US 2315, 1111  Additional Descriptions for Materials listed Above  CTOUTH Additional Descriptions for Materials listed Above  CTOUTH ADDITIONAL SERVICES LLC.  Special Handling Instructions and Additional Information  SR 59841  | 36857.44   | SEPAID Number  | <del></del>  | 0.5       | TSENSOREMENT TO FRE  | in and in a                 |  |
| Transporter's (Company Name)  B. US EPA LO Mumber  F. Transporter's Telephone (*)  Designated Facility Name and Site Address  In. US EPA ID Number  WIN CHEMICAL SERVICES, LLC.  550 BALHER RD.  DODEL CITY NY 14107  N. Y. D. O. 9, 8, 3, 6, 7, 9  To 754-8231  US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)  US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)  RG. POLYCHLORI MATED BIPHENYLS, SOLID MIXTURE.  WWY. J. Waste No.  BY D. O. 10, 11, 12, 13, 13, 1014  L. Waste No.  RG. POLYCHLORI MATED BIPHENYLS, SOLID MIXTURE.  STATE  EPA  STATE  EPA  STATE  STAT | · 영화를 바꾸면야 되는데 (1945년 - 1942년 - 1942년 전환 전환 경화 등 1945년 - 1941년 - 1941년 - 1941년 - 1941년 - 1941년 - 1941년 - 1941년   | D 0 54 52 4  | 27/6   |           |  |                             | -0141  |
| Designated Facility Name and Site Address  10. US EPA ID Number  C. State Facility ID  WN CRENICAL SERVICES, LLC.  SERVICES, LLC.  WY DO 4 9 8 3 6 7 9  H. Facility Telephone (175 754 - 823)  US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  WW.Vol 1. Waste No.  RQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, UN2315, III amprance and additional Descriptions for Materials listed Above  CT0474  Additional Descriptions for Materials listed Above  CT0474  Special Handling Instructions and Additional Information  SR 5984  | Transporter 2 (Company Name) 8. US   | EPA ID Number  | No bear  | E. 8      | State Transporter's  | ID 💮                        |  |
| CHENICAL SERVICES, LLC.  STATE  WYDOS 9836679  H. Facility Telephone (716 754 -823)  US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  IN YDOS 9836679  H. Facility Telephone (716 754 -823)  12. Containers 13. Total 14.Unit Number Type Quantity WyVol I. Waste No.  RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE.  EPA  STATE  EPA  STATE  EPA  STATE  Additional Descriptions for Materials listed Above  CTO474  PCB SOIL & DEBRIS - / 00 %  Special Handling Instructions and Additional Information  SRI 5984   |  | or of third establishing   | por per la company   |           |  | hone (                      | (** )  |
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| B OSD 5/3/10/ Certificate of Disposal Required   | GENERATOR'S CERTIFICATION: I hereby declare that the contents of   | of this consignment are ful  | ly and accura  | ately de  | scribed above by pr  | oper ship                   | ping name and are  |
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| GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. On if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.  Ited/Typed Name  Signature  Mo. Day Yea  Transporter 1: Acknowledgement of Receipt of Materials  ed/Typed Name  Signature  Mo. Day Yea  Discrepancy Indication Space  Signature  Mo. Day Yea  Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  | sted/Typed Name  | ture   | දුල පත් ප  | is        | right in the d   | , <b>N</b>                  | lo. Day Yea  |
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DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF SOLID A HAZARDOUS MATERIALS

P.O. BOX 12820, Albany, New York 12212

| WASTE MANIFEST BUDGE   | US EPA Not   | - 15.20 E.M.                            | Walter Control         |                                    | age 1 of Informati   | on with  | in heavy bold line<br>y Federal Law  |
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| ity Owner or Operator: Certification of receipt of hazardous n   | Signature  | nanifest                                |                        | noted                              | in Item 19.  | A  | no Day Year  |

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## DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS HAZARDOUS WASTE-MANIFEST



| WASTE MANIFEST   | 4  | SUS EPA No.  |  | est Doc. No.   |  | ge 1 of Informati   | on with                                     | in heavy bold line<br>y Federal Law.   |
|--|--|--|--|--|--|---|---|--|
| Generator's Name and Mailing Address   |  |  | alt en sude e  | releasion in   | Α.                                     | NYB9  | Bergensellest, e<br>Die Soffensell          | for a state of the second and a |
| 05 MAIN ST<br>0DI<br>Generators Telephone Number (201)41   | NJ 0764  | 4-1733   |  | rotes to in  | B. G                                   | enerator's ID   | <del>55</del>                               | 0 1 0 0 °  |
| Transporter (Company Name)   |  | 6. US EPA ID Nu  | mber   | irang Penguara<br>Tranggarang  | C. S                                   | tate Transporter's  | ID 🎻 .                                      | 7 82#11 WU   |
| VS BUIK T/AASPI<br>Transporter 2 (Company Name)  | ort Inc  | PADGE  | 1347   | 5715   |  | ransporter's Telep  |   | 20-110-8   |
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| Designated Facility Name and Site Address  IN CHEMICAL SERVICES.   | 13.0   | 10. US EPÁ ID N  | <del></del>  |  | G. S                                   | tate Facility ID  | संग्रह्मे<br>इंडिस                          | The Company  |
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| and the second s | ·  |  |  |  | , }                                    | 1111  |   | STATE  |
| Additional Descriptions for Materials listed Abo   | ve   |  |  |  | К. На                                  | ndling Codes for V  | Vastes                                      | Listed Above   |
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## LAND N SEA ENVIRONMENTAL SERVICES, INC.

To Whom It May Concern:

Re: Hexcel Corporation 205 Main Street, Lodi, N. J. Clean Fill Certification

Please be advised that the Quarry Process material utilized for backfill at the above referenced site was purchased from the following location:

Mount Hope Quarry 625 Mt. Hope Road Wharton, N. J. 07885

Land N Sea Environmental Services, Inc.

PO Box 571 Bridgeport, New Jersey 08014 Tel (856) 358-7700 Fax (856) 358-7706

#### APPENDIX F

Boring logs for the 1998 and 1999 PCB Investigation Borings





Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

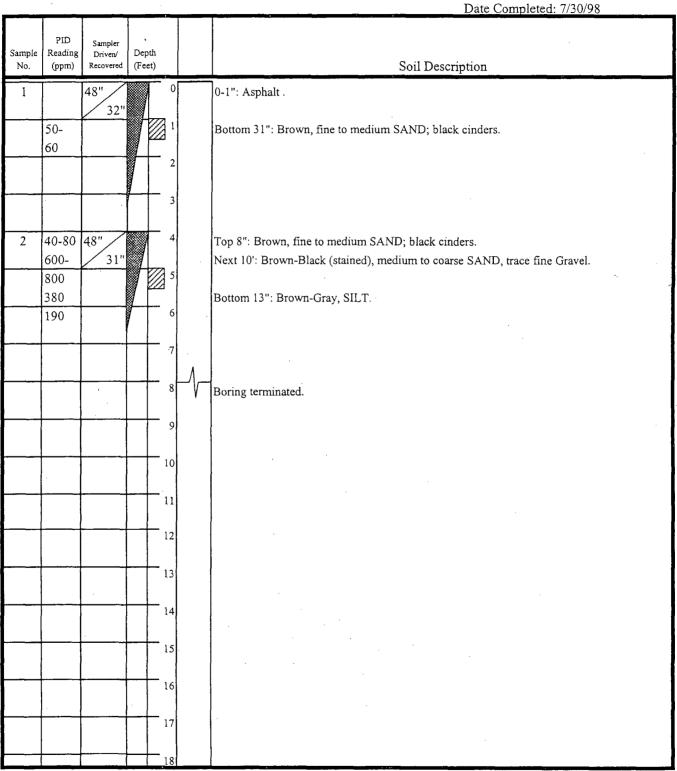
Robert Shusko

GeoProbe Boring No.: HA-1

Page 1 of 1

File No.: 94039

Date Started: 7/30/98



GeoProbe Sample Recovery Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-2

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

Date Completed: 7/30/98

|               |                         |                                 |  |   | Date Completed: 7/30/98  |
|---------------|-------------------------|---------------------------------|--|---|--|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet)                                  |   | Soil Description   |
|               |                         |                                 | 0  |   | Top 3": Concrete; augered to 1' below ground surface due to base course.   |
| 1             | 500-<br>600             | 48"                             | 1  |   | Top 12": Gray-Brown, medium to fine SAND, trace fine Gravel.   |
|               | 250-<br>300             |                                 | $\int \int \int d^2$                             |   | Bottom 24": Gray-Brown, medium to coarse SAND, little fine Gravel.   |
|               |                         |                                 | 3  |   |  |
| 2             | 350-                    | 48"                             | 5  |   | Tow 12% Cross Program and Joseph and Santo Kills Co. Co. of and had been been  |
|               | 400<br>200              | 37"                             |  |   | Top 13": Gray-Brown, medium to coarse SAND, little fine Gravel; product observed from 6" to 13".  Bottom 24": Brown, SILT; product on top of silt. |
|               | 200                     |                                 | <del>                                     </del> |   | Dottom 27. Drown, St. 1, product on top of Sitt.   |
|               | 50                      |                                 | 8  |   |  |
|               |                         |                                 | 9  | - | Boring terminated.   |
|               |                         |                                 | 10   |   |  |
|               |                         |                                 | 11   |   |  |
|               |                         |                                 | 12   |   |  |
|               |                         |                                 | 13   |   |  |
|               |                         |                                 | 14   |   |  |
|               |                         |                                 | 16   |   |  |
|               |                         |                                 | 17   |   | •  |
|               | C D                     |                                 | 18   |   |  |

Sample Interval for Chemical Analyses

GeoProbe Sample

882010164



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location: Drilling Contractor: Lodi, New Jersey Environmental Probing, Inc. (EPI)

Inspector:

Robert Shusko

GeoProbe Boring No.: HA-3

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

|               |                         | <del></del>                     |                 | <del></del>            | Date Completed: 7/30/98   |
|---------------|-------------------------|---------------------------------|-----------------|------------------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |                        | Soil Description  |
|               |                         |                                 |                 |                        | Top 3": Concrete; augered to 1' below ground surface due to base course.                                      |
| 1             | 150                     | 48"                             |                 |                        | Top 4": Gray, medium to coarse GRAVEL.  |
|               | 150-<br>300             |                                 | 2               |                        | Bottom 26": Brown, medium to fine SAND, little Silt.  |
|               |                         |                                 | 3               | -                      |   |
|               |                         |                                 | 4               |                        |   |
| 2             | 400                     | 48"                             | 5               |                        | Top 7": Brown medium to fine SAND, little Silt.   |
|               | 500                     | / 43                            |                 |                        | Bottom 16": Brown medium to fine SAND, little Silt, trace medium Gravel; product observed; bottom 10" is wet. |
|               |                         |                                 | 7               |                        |   |
|               |                         |                                 | 8               |                        |   |
| 3             | 400                     | 48"                             | 9               |                        | Top 8": Brown medium to fine SAND, little Silt, trace medium Gravel; product observed.                        |
|               | 300                     | ,                               | 10              |                        | Bottom 40": Brown, SILT; top 8 to 12 inches are stained.  |
|               |                         |                                 |                 |                        |   |
|               | 150                     |                                 | 12              | \ <sub>\lambda</sub> . |   |
|               |                         |                                 | 13              |                        | Boring terminated.  |
|               | ·                       |                                 | 14              |                        |   |
|               |                         |                                 | 15              |                        |   |
|               |                         |                                 | 16              |                        |   |
|               |                         |                                 | 17              |                        |   |
|               |                         | be Sample                       | 18              |                        |   |

Sample Interval for Chemical Analyses

882010165



GeoProbe Boring No.: HA-4

Page 1 of 1

File No.: 94039

Client:

**Hexcel Corporation** 

Project: Location: Lodi, New Jersey

**Hexcel Facility** 

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector: Robert Shusko Date Started: 7/30/98 Date Completed: 7/30/98 PID Sampler Sample Reading Driven/ No. (ppm) Recovered (Feet) Soil Description Top 3": Concrete; augered to 1' below ground surface due to base course. 600 Top 11": Brown to Red-Brown, fine to coarse GRAVEL, some fine to coarse Sand; 28" brick fragments. 800 Next 8": Brown, medium to fine SAND, trace Silt; moist. Bottom 4": Brown, medium to fine SAND, trace Silt; staining observed; wet. 48" 700-Top 20": Black (stained), medium to fine SAND, little fine Gravel. 44" 800 700 Next 9": Black (stained), medium to coarse SAND, little fine Gravel. 800 500 Bottom 15": Brown, Silt. 180 Boring terminated. 10 11 12 13 14 15 16

GeoProbe Sample

Boring Method: Geoprobe





Client:

Hexcel Corporation

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-5

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

|              | 1                       |                                 | ,               | Date Completed: 7/30/98   |
|--------------|-------------------------|---------------------------------|-----------------|---|
| ample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) | Soil Description  |
|              |                         |                                 | 0               | Top 3": Concrete; augered to 1' below ground surface due to base course.                          |
| 1            | 150                     | 48"                             |                 | Top 18": Brown, medium to fine SAND, little fine Gravel.  Brick fragments.                        |
|              | 300                     |                                 | 3               | Bottom 6": Black (stained), medium to fine SAND, some medium to fine Gravel; moist at the bottom. |
|              |                         |                                 | 4               |   |
| 2            | 270                     | 48"                             | 5               | Top 16": Black (stained), medium to fine SAND, some medium to fine Gravel; moist.                 |
|              | 320                     |                                 | 1 7 Test        | Next 13": Black (stained), medium to coarse SAND, some medium to fine Gravel; moist.              |
|              | 100                     |                                 | H 8             | Bottom 19": Brown, Silt; wet.   |
|              |                         |                                 | 9               | Boring terminated.  |
|              |                         |                                 | 10              |   |
|              |                         |                                 | 11              |   |
| -            |                         |                                 | 13              |   |
|              |                         |                                 | 14              |   |
|              |                         |                                 | 15              |   |
|              |                         |                                 | 16              |   |
|              |                         |                                 | 17              |   |
|              |                         |                                 | 18              |   |



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-6

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File No.: 94039

Date Started: 7/29/98

Date Completed: 7/29/98

|               | _                       |                                 |                 | Date Completed: 7/29/98  |
|---------------|-------------------------|---------------------------------|-----------------|--|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) | Soil Description   |
|               |                         |                                 | 0               | Top 3": Concrete; augered to 1' below ground surface due to base course.               |
| 1             | 1-3                     | 48" 25"                         | 2               | Brown, medium to fine SAND, little fine to medium Gravel.                              |
| 2             | 5                       | 48"                             | 4               | Top 6": Brown, medium to fine SAND, little fine to medium Gravel.                      |
|               | 25-<br>75               | 27"                             | 7 8             | Bottom 21": Black (stained), fine to medium SAND, some fine Gravel; wet at the bottom. |
| 3             | 60                      | 48"                             | 9               | Top 12": Black (stained), fine to medium SAND, some fine Gravel; wet.                  |
|               | 65                      |                                 | 11              | Bottom 24": Brown-Gray, SILT; wet.   |
|               |                         |                                 | 13              | Boring terminated.   |
|               |                         |                                 | 15              | · · · · · · · · · · · · · · · · · · ·  |
|               |                         |                                 | 17              |  |

GeoProbe Sample Recovery

Boring Method: Geoprobe





Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Robert Shusko

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

Date Started: 7/29/98

Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-7

Date Completed: 7/29/98 Sampler Reading Sample Driven/ Depth (ppm) Recovered (Feet) Soil Description Top 7": Concrete; augered to 1' below ground surface due to base course. 10 Top 3": Gray, medium to coarse GRAVEL. 23" Bottom 20": Brown, medium to fine SAND, some fine Gravel. 10 260 48" Black (stained), fine to coarse SAND, trace fine Gravel; moist. 11" 3 380 48" Black (stained), fine to coarse SAND, and coarse Gravel; product observed; wet. 10" 10 12 4 380 24" Brown, SILT 23' 14 27 Boring terminated. 16 17

GeoProbe Sample Recovery

**Boring Method: Geoprobe** 





Client:

**Hexcel Corporation** 

Project: Location: **Hexcel Facility** 

Robert Shusko

Lodi, New Jersey

Drilling Contractor:

Inspector:

Environmental Probing, Inc. (EPI)

Date Started: 7/29/98

Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-8

Date Completed: 7/29/98 PID Sampler Sample Reading Depth Driven/ (ppm) Recovered (Feet) Soil Description Top 4": Concrete; augered to 1' below ground surface due to base course. 48" 3.5 Top 8": Brown-Gray, fine GRAVEL some, fine to medium Sand, trace Silt. 27" Bottom 19: Brown, medium to fine SAND, little Silt, trace fine Gravel. 48" 190 Top 14": Brown, medium to coarse SAND, trace Silt, some fine to medium Gravel. 35" Bottom 21": Brown-Gray, fine to medium SAND, trace medium Gravel; bottom 8" wet. 480 325 Top 7": Brown-Gray, fine to medium SAND; wet. 28" 10 Bottom 21": Brown, fine to medium GRAVEL, some fine to medium Sand; wet. 300 12 48" 360 Top 8": Brown, fine to medium GRAVEL, some fine to medium Sand, wet. 36" 150 Bottom 28": Brown-Gray, SILT. 20 16 Boring terminated.

GeoProbe Sample Recovery

Boring Method: Geoprobe





Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-9

Page 1 of 1

File No.: 94039

Date Started: 7/29/98 Date Completed: 7/29/98

|               |                         |                                 |                 |      | Date Completed: 7/29/98   |
|---------------|-------------------------|---------------------------------|-----------------|------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |      | Soil Description  |
|               |                         |                                 |                 | 0    | Drilled through concrete slab   |
| 1             | 100                     | 48"                             |                 | 1    | Top 20": Brown, medium to fine SAND, little Clay; moist from 8".  |
| -             | 400<br>250              |                                 |                 | 2    | Bottom 3": Black (stained), fine SAND; peat; moist.   |
|               | _                       |                                 |                 | 3    | , , , , , , , , , , , , , , , , , , ,   |
|               |                         |                                 |                 | 4    |   |
| 2             |                         | 48" 0"                          |                 | 5    | No Recovery   |
| ·             |                         |                                 |                 | 6    |   |
|               |                         |                                 |                 | 7    |   |
|               |                         |                                 |                 | 8    |   |
| 3             | 150-<br>200             | 48"                             |                 | 9    | Brown-Black (stained), fine to medium SAND, trace Silt, little fine to medium Gravel; brick fragments; wet. |
|               |                         |                                 |                 | 10   |   |
|               |                         |                                 |                 | 12   |   |
| 4             | 480                     | 48"                             |                 | 13   | Top 23": Black (stained), fine to medium SAND, trace Silt, little fine to medium Gravel; wet.               |
|               |                         | 48"                             |                 | 14   |   |
|               | 450                     |                                 |                 | 15   | Bottom 25": Brown, SILT; top 3-5" stained.  |
|               |                         |                                 |                 | 16   |   |
|               | 100                     |                                 |                 | 17 - | Boring terminated.  |
|               |                         |                                 | <u> </u>        | 18   |   |

GeoProbe Sample Recovery Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

**Hexcel Facility** 

Page 1 of 1

Project: Location:

Lodi, New Jersey

File No.: 94039

Drilling Contractor:

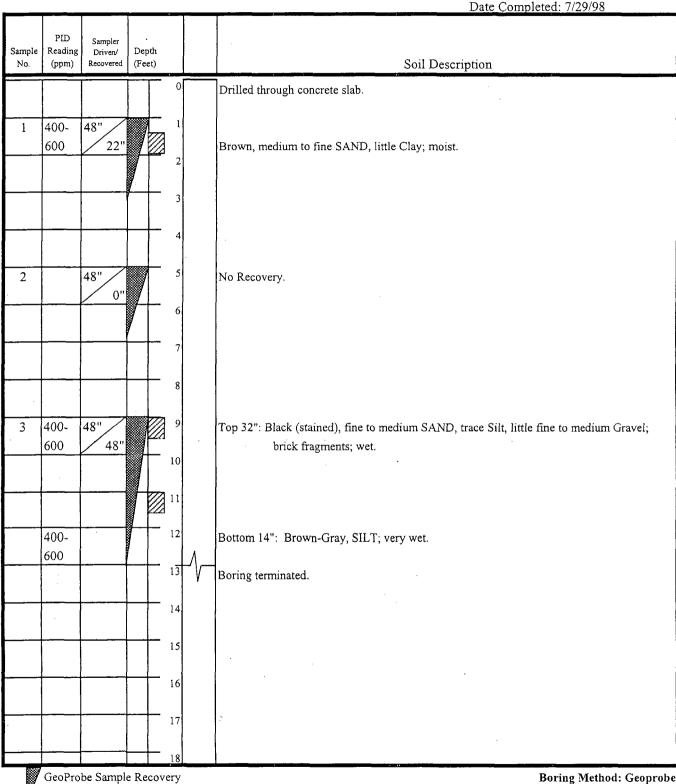
Environmental Probing, Inc. (EPI)

Inspector:

Robert Shusko

Date Started: 7/29/98

GeoProbe Boring No.: HA-10



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Inspector:

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-11

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

Date Completed: 7/30/98 PID Sampler Sample Reading Depth Driven/ Recovered (Feet) Soil Description No. (ppm) Top 4": Black CINDERS. 34' Bottom 30": Brown, fine to medium SAND; occasional brick fragments and black cinders. 80 Top 15": Brown-Black (stained), medium to coarse SAND; trace fine to medium Gravel; 40" product observed. 80 Bottom 25": Brown, SILT; top 2" stained; bottome half wet. 10-15 Boring terminated. 10 11 12 13 15

GeoProbe Sample Recovery Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project: **Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

Date Started: 7/30/98

Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-12

Robert Shusko

|               |                         |                                 | -               |    | Date Completed: 7/30/98   |
|---------------|-------------------------|---------------------------------|-----------------|----|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |    | Soil Description  |
| 1             | 10                      | 48"                             | 0               |    | Top 7": Black CINDERS.  |
|               |                         | 37"                             |                 |    | Next 10": Black Cinders and Brick fragments.                                |
|               | 10                      | ·                               |                 |    |   |
|               | 25-                     |                                 | 2               |    | Bottom 20": Brown-Black (stained), fine to medium SAND; little fine Gravel. |
|               | 30                      |                                 | 3               | ·  |   |
|               |                         |                                 |                 |    |   |
| 2             | 75-                     | 48"                             | 4               |    | Top 8": Black Cinders and Brick fragments; wet at the bottom.               |
|               | 90                      | 34"                             |                 |    |   |
| 4             | 200-                    |                                 | 5               |    | Next 10": Brown, coarse to medium SAND, little fine Gravel; wet.            |
|               | 225<br>200              |                                 | 6               |    | Bottom 16": Brown, SILT; wet.   |
|               | 200                     |                                 |                 | ·  | Bottom 10 . Brown, St. 1; wet.  |
|               | 75-                     |                                 | 7               |    | ·   |
|               | 80                      |                                 |                 | _/ |   |
|               |                         |                                 | 8               | V  | Boring terminated.  |
|               |                         |                                 | <del></del> 9   |    | ·   |
|               |                         |                                 |                 |    |   |
|               |                         |                                 | 10              |    |   |
|               |                         |                                 | ·               |    |   |
|               |                         |                                 | 11              |    |   |
|               |                         |                                 | 12              |    |   |
|               |                         |                                 |                 |    |   |
|               |                         |                                 | 13              |    |   |
|               |                         | -                               | <u>├</u> , ,    |    |   |
|               |                         |                                 | 14              | ,  |   |
|               |                         |                                 | 15              | ,  |   |
|               |                         |                                 |                 |    |   |
|               | ,7                      | 1/                              | 16              |    |   |
|               |                         |                                 | 17              |    |   |
|               |                         |                                 |                 |    |   |
|               |                         |                                 | 18              |    |   |





Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Robert Shusko

Location:

Lodi, New Jersey

Inspector:

Drilling Contractor:

Environmental Probing, Inc. (EPI)

inc. (EPI)

GeoProbe Boring No.: HA-13

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

Date Completed: 7/30/98 PID Sampler Reading Sample Driven/ (ppm) Soil Description Depth (Feet) 48" Top 8": Brown, fine SAND, and Silt; organic material. 40' Next 12": Brick Fragments. Bottom 20": Brown-Gray, fine SAND, some Silt, trace fine to medium Gravel; occasional brick fragments. 48" No Recovery. 3 No Recovery. 0" 10 11 24" 12 50 4 Top 12": Brown, fine to medium SAND; wet. 24" 13 200 Next 8": Brown-Black (stained), fine to medium SAND, trace fine Gravel; wet. 200 Bottom 4": Brown, SILT. Boring terminated. 15 16 17

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

**Environmental Probing, Inc. (EPI)** 

Robert Shusko

GeoProbe Boring No.: HA-14

Page 1 of 1

File No.: 94039

Date Started: 7/30/98

Date Completed: 7/30/98

|               |                         |                                 |                   | Date Completed: 7/30/98   |
|---------------|-------------------------|---------------------------------|-------------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth (Feet)      | Soil Description  |
| 1             |                         | 48"                             | 0                 | Top 8": Asphalt and Base Course   |
|               |                         | 37"                             |                   | Next 2": Brick Fragments and Cinders.   |
|               |                         |                                 | $\prod_{i=1}^{n}$ | Next 13": Brown, fine to coarse SAND; pockets of cinders and brick fragments. |
|               | 10                      |                                 | + ,               |   |
|               |                         |                                 |                   | Next 5": Gray, Clayey SILT.   |
|               |                         |                                 | 3                 | Bottom 9": Brown, fine to medium SAND, trace medium Gravel.                   |
|               |                         |                                 |                   |   |
| 2             |                         | 48" 0"                          | 4                 | No Recovery.  |
|               | _                       |                                 | 5                 |   |
|               |                         |                                 | 6                 |   |
| ·             |                         |                                 |                   |   |
|               |                         |                                 | 7                 |   |
| 3             | 5-                      | 48"                             | 8                 | Top32": Brown, medium to fine SAND; wet.                                      |
|               | 10                      | 48"                             |                   | 10002 . Brown, medium to falle GAND, wet.                                     |
|               |                         |                                 | 9                 |   |
|               |                         |                                 | 10                |   |
|               |                         |                                 |                   |   |
|               | 5-<br>10                |                                 | 11                | Bottom 16": Brown-Gray, medium to fine SAND; possible staining.               |
| 4             |                         | 24"                             | 12                | Top 12": Brown-Gray, medium to fine SAND; possible staining; wet.             |
|               |                         | 24"                             | <b>/</b>          |   |
|               | 5-<br>10                |                                 | 13                | Bottom 12": Brown-Gray, medium to coarse SAND; possible staining; wet.        |
|               |                         | 24"                             | 14                | Top 22": Brown-Gray, medium to coarse SAND; possible staining; wet.           |
|               |                         | 24"                             | 15                |   |
|               |                         |                                 |                   | Bottom 2": Brown, SILT.   |
|               |                         |                                 | 16                | <br>Boring terminated.  |
| · .           |                         |                                 | . 17              |   |
|               |                         |                                 |                   |   |
|               |                         |                                 | 18                |   |



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

Date Completed: 7/30/98

Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-15

Robert Shusko Date Started: 7/30/98

|               |                         |                                 | · · · · · · · · · · · · · · · · · · · | <del>,</del>   | Date Completed: //30/98   |
|---------------|-------------------------|---------------------------------|---------------------------------------|----------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampier<br>Driven/<br>Recovered | Depth (Feet)                          |                | Soil Description  |
| 1             | [                       | 48"                             | 0                                     |                | Top 5": Asphalt base coarse.  |
| l             |                         | 33"                             |                                       | 1              | Next 4": Black, organic material with plastic sheets.   |
|               | 7-                      |                                 |                                       |                | Next 9": Brown-Black, fine to coarse SAND; inclusions of cinders, ceramic pieces, and glass.                          |
|               | 15                      |                                 |                                       |                |   |
|               |                         |                                 | 2                                     |                |   |
|               |                         | -                               | <u> </u>                              | Ì              | Bottom 15": Red-Brown, fine SAND, and CLAY; occasional cinders.   |
|               | ·                       |                                 | 3                                     |                |   |
| 2             | <u> </u>                | 48"                             | 4                                     |                | Proven Plank fire to madism SAND 1991- Silk same fire County larger of manifestation                                  |
|               |                         | 36"                             |                                       | }              | Brown-Black, fine to medium SAND, little Silt, some fine Gravel; layers of organic material; glass and cinder pieces. |
|               | 8-                      |                                 | <del>       </del> 5                  | <u> </u>       | glass and emder process.  |
|               | 10                      |                                 |                                       |                |   |
|               |                         |                                 | 6                                     |                |   |
|               |                         |                                 |                                       |                |   |
|               |                         |                                 | 7                                     |                |   |
|               |                         |                                 |                                       |                | ·   |
| 3             |                         | 48"                             |                                       |                | Top 33": Gray-Black, medium to fine SAND; organic material.   |
|               |                         | 48"                             | H 9                                   |                |   |
|               |                         | i.                              |                                       |                |   |
|               |                         |                                 | 10                                    |                | · ·   |
|               |                         |                                 |                                       |                | Next 5": Red-Brown, medium to coarse GRAVEL, some medium to coarse Sand.  |
|               |                         |                                 | 11.                                   |                | Bottom 10": Gray, medium to coarse SAND, trace fine to medium Gravel.   |
|               |                         |                                 |                                       |                | ·   |
| 4             | i                       | 48"                             | 12                                    |                | Top 12": Gray, medium to coarse SAND, trace fine to medium Gravel.  |
| - J           |                         | 48"                             | 13                                    |                | D ( ) 2(   D ) GY T   |
|               |                         |                                 |                                       |                | Bottom 36": Brown, SILT.  |
| <b></b>       |                         |                                 | 14                                    |                |   |
|               |                         |                                 |                                       |                |   |
|               |                         |                                 | 15                                    |                |   |
|               |                         |                                 |                                       | $L\Lambda_{-}$ |   |
|               |                         |                                 | 16                                    |                | Boring terminated.  |
|               |                         |                                 |                                       |                |   |
|               |                         |                                 | 17                                    |                |   |
|               |                         |                                 | 18                                    |                | ··  |
|               |                         |                                 | 1.0                                   |                |   |

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor:

Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-16

Page 1 of 1

File No.: 94039

Date Started: 7/31/98 Date Completed: 7/31/98

|               |                         |                                 |                 |              | Date Completed: 7/31/98   |
|---------------|-------------------------|---------------------------------|-----------------|--------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |              | Soil Description  |
|               |                         |                                 |                 |              | Top 1": Asphalt; augered to 1' below ground surface.                              |
| 1             |                         | 48"                             | 1               |              | Brown-Gray, fine to medium SAND, little Silt, some fine to coarse Gravel.         |
| 1             | 200-                    | 30"                             |                 |              |   |
|               | 300                     |                                 | 3               |              |   |
|               |                         |                                 | 4               |              |   |
| 2             | 200                     | 48"                             | 5               |              | Top 7": Brown-Gray, fine to medium SAND, little Silt, some fine to coarse Gravel. |
|               | 400-                    | 32"                             | H 6             |              | Bottom 26": Black, CINDERS; possible product.                                     |
|               | 500                     |                                 | 7               |              | ÷   |
|               |                         |                                 | 8               |              |   |
| i             | 1                       | 48"                             | 9               |              | Top 18": Black, CINDERS; possible product.  |
|               | 400<br>400-             | 44"                             | 10              |              |   |
|               | 500                     |                                 | 11              |              | Next 13": Brown-Black (Stained), fine SAND, little Silt.                          |
|               | 400-<br>500             |                                 | 12              |              | Bottom 13": Brown-Gray, fine to medium SAND, trace Silt.                          |
| 4             | 400-                    | 48"                             | 13              |              | Top 14": Red-Brown, fine to coarse GRAVEL, little medium to coarse Sand.          |
|               | 500                     | 27"                             | 14              |              |   |
|               | 400<br>150              |                                 | 15              |              | Bottom 13": Brown, SILT   |
|               |                         |                                 | 16              |              |   |
|               |                         |                                 | 17              | <del> </del> | Boring terminated.  |
|               | CaaDaa                  |                                 | 18              |              |   |

GeoProbe Sample Recovery

Boring Method: Geoprobe





Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Inspector:

**Drilling Contractor:** 

Environmental Probing, Inc. (EPI)

Robert Shusko

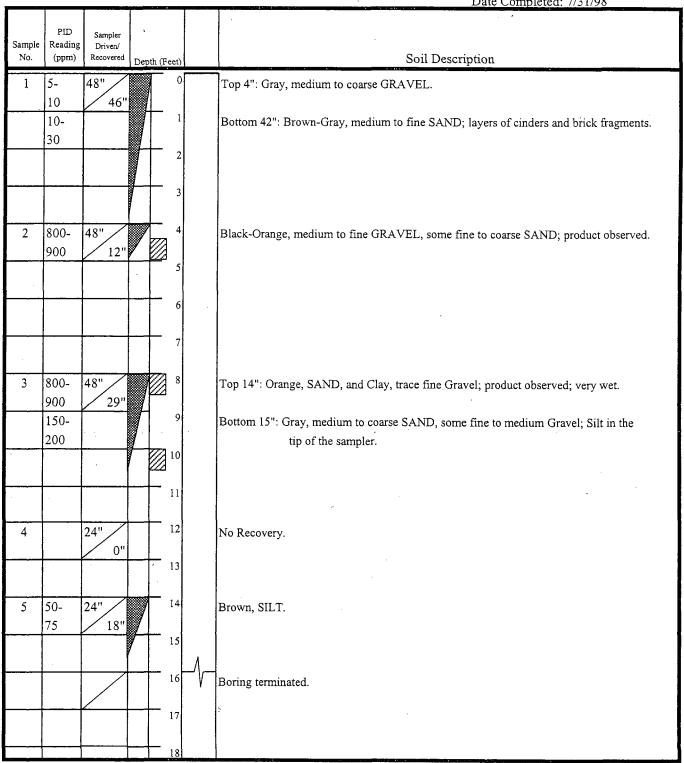
GeoProbe Boring No.: HA-17

Page 1 of 1

File No.: 94039

Date Started: 7/31/98

Date Completed: 7/31/98



GeoProbe Sample Recovery



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Inspector:

Environmental Probing, Inc. (EPI)

Date Started: 7/31/98

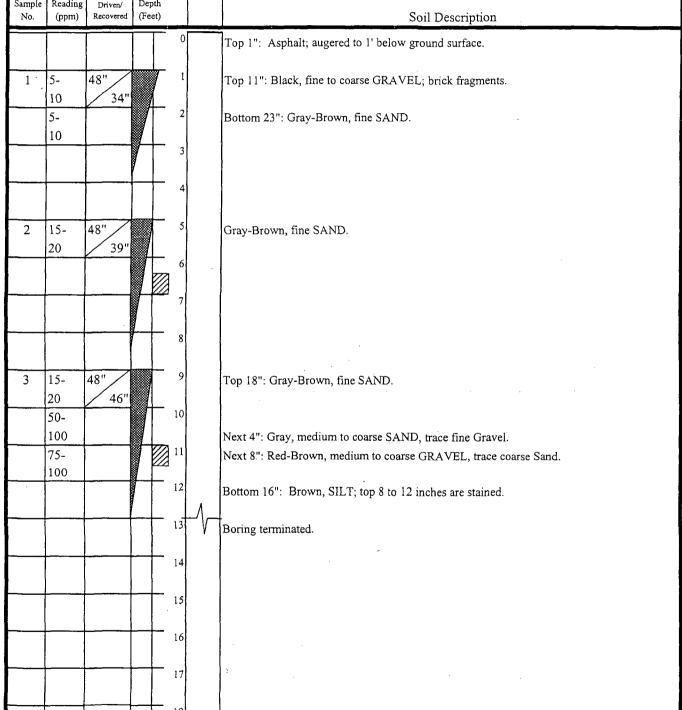
Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-18

Drilling Contractor: Robert Shusko

Date Completed: 7/31/98 Sampler Reading Depth Sample Driven/ Recovered (Feet) (ppm) Soil Description Top 1": Asphalt; augered to 1' below ground surface. 1 . 5-Top 11": Black, fine to coarse GRAVEL; brick fragments.



GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses

882010180



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Drilling Contractor:

Lodi, New Jersey

Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

Page 1 of 1

File No.: 94039

Date Started: 7/31/98

GeoProbe Boring No.: HA-19

Date Completed: 7/31/98 PID Sampler Sample Reading Driven/ (ppm) No. Recovered Soil Description Depth (Feet) 1 Top 7": Asphalt base course. 19' 100-Bottom 12": Gray-Black (stained), fine to coarse SAND; inclusions of cinders and 150 brick fragments. 75-Gray-Black (stained), fine to coarse SAND; inclusions of cinders and brick fragments. 125 17" 150-48" Top 24": Black (stained), fine SAND. 28" 200 100-10 Bottom 4": Red-Brown, medium to coarse GRAVEL, little coarse Sand. 125 11 12 400-Top 8": Red-Brown, medium to coarse GRAVEL, little coarse Sand. 500 21" 13 500 Bottom 13": Brown, SILT. 200 15 16 Boring terminated. 17

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

**Hexcel Facility** 

GeoProbe Boring No.: HA-20 Page 1 of 1

Project:

Lodi, New Jersey

File No.: 94039

Location: Drilling Contractor:

**Environmental Probing, Inc. (EPI)** 

Inspector:

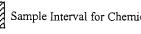
Robert Shusko

Date Started: 7/30/98

Date Completed: 7/30/98

|               |                         |                                 |                 |                     | Date Completed: 7/30/98  |
|---------------|-------------------------|---------------------------------|-----------------|---------------------|--|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |                     | Soil Description   |
| 1             | 7-<br>10                | 48" 32"                         |                 |                     | Top 6": Asphalt and base course.  Next 6": Brick Fragments.  Next 8": Gray, fine to medium GRAVEL, little fine Sand.   |
|               |                         |                                 | 3               |                     | Bottom 12": Gray-Black, fine SAND; inclusion of cinders,wood, and glass pieces.  |
| 2             | 7-<br>10                | 24" 21"                         | 5               | h                   | Top 13": Gray-Black, fine SAND; inclusion of cinders,wood, and glass pieces; wet at the bottom.  Bottom 8": Black, CINDERS.  |
|               |                         |                                 | 6               | ├ <b>-</b> ^V-<br>! | Refusal; Boring terminated.  Four (4) attempts were made to advance another boring near HA-20. Refusal was encountered at 1 foot below ground surface at each attempt. |
|               |                         |                                 | 9               |                     |  |
|               |                         | ·                               | 10              |                     |  |
|               |                         |                                 | 12              |                     |  |
|               |                         |                                 | 14              |                     |  |
|               |                         |                                 | 16              |                     |  |
| <b> </b>      |                         |                                 | 18              | L                   |  |

GeoProbe Sample Recovery Sample Interval for Chemical Analyses





Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-21

Page 1 of 1

File No.: 94039

Date Started: 7/31/98

Date Completed: 7/31/98 PID Reading Sample Driven/ Soil Description No. (ppm) Recovered Depth (Feet) Top 10": Asphalt and base coarse. 1 27' 5-Next 15": Brown, fine to medium SAND, some fine to medium Gravel. 10 Bottom 2": Black, CINDERS. 10-Top 20": Black, CINDERS. 28" 15 15-Bottom 10": Brown-Black (stained), fine SAND. 20 48" 10-Top 29": Brown-Gray, fine to medium SAND. 20 40" 10-Next 7": Red-Brown, fine to coarse GRAVEL, little coarse Sand. 20 Bottom 4": Brown, SILT. 12 Boring terminated. 13 15 16 17

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector: Robert Shusko

GeoProbe Boring No.: HA-22

Page 1 of 1

File No.: 94039

Date Started: 7/31/98

|               | ,···-                   |                                 |                      | Date Completed: 7/31/98  |   |
|---------------|-------------------------|---------------------------------|----------------------|--|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet)      | Soil Description   |   |
|               |                         |                                 |                      | Top 1": Asphalt; augered to 1' below ground surface.                     |   |
| 1             | 5-<br>10                | 48"                             | 1                    | Top 13": Brown-Black, fine SAND; ocaasional cinders and brick fragments. |   |
|               | 5-                      |                                 | $\int \int \int d^2$ | Bottom 25": Black, fine to medium SAND; cinders and organic material.    |   |
|               | 10                      | -                               | 3                    |  |   |
|               |                         |                                 | 4                    |  |   |
| 2             | 5-<br>10                | 48"                             | 5                    | Top 14": Black, fine to medium SAND; cinders and organic material.       |   |
|               |                         |                                 | <i>H</i> 6           | Bottom 16": Brown, SILT.   |   |
|               |                         |                                 | 7                    |  |   |
|               |                         |                                 | 8                    |  |   |
|               |                         |                                 | 9                    | Boring terminated.   |   |
|               |                         |                                 | 10                   |  |   |
|               |                         |                                 | 11                   |  |   |
|               |                         |                                 | 12                   |  |   |
|               |                         |                                 | 13                   |  |   |
|               | ·                       | ,                               | 14                   |  | 1 |
|               |                         |                                 | 15                   |  |   |
|               |                         |                                 | 16                   |  |   |
|               |                         | •                               | 17                   |  | ļ |
|               |                         |                                 | 18                   |  |   |

7 771

GeoProbe Sample

Boring Method: Geoprobe

Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Drilling Contractor:

Lodi, New Jersey

Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-23

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98 PID Sampler Reading Sample Depth Driven/ No. (ppm) Recovered (Feet) Soil Description Top 1": Asphalt; augered to 1' below ground surface. 48" 1 Top 2": Blue-Gray, medium to fine GRAVEL; base course. 33' Next 22": Brown, fine SAND, some Clay. Bottom 9": Black, CINDERS. < 1 48" Top 8": Black, CINDERS 30" 5-Bottom 22": Gray, fine SAND. 10 10 Top 26": Gray-Black, fine SAND. 45" 10 150 Next 7": Gray, medium to coarse SAND, trace fine Gravel. 100 Next 6": Red-Brown, fine to medium GRAVEL some, medium to coarse Sand, trace Silt. 12 Bottom 6": Brown, SILT. 13 Boring terminated. 14 15 16 17

GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor:
Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-24

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98

|               |                         |  | , -             |     |     | Date Completed: 8/28/98   |
|---------------|-------------------------|--|-----------------|-----|-----|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recov <del>er</del> ed | Depth<br>(Feet) |     |     | Soil Description  |
|               |                         |  |                 | 0   |     | Top 1": Asphalt; augered to 1' below ground surface.                                    |
| 1             | <1                      | 48"  |                 | - 1 |     | Top 3": Blue-Gray, medium to fine GRAVEL; base coarse.                                  |
|               | 5                       | 38"  |                 | - 2 |     | Next 24": Black, CLAY (organic Peat).   |
|               | 4                       |  | H               | - 3 |     | Bottom 11": Black, CLAY (organic Peat); layers of fine to medium Sand; brick fragments. |
|               |                         |  |                 | - 4 |     |   |
| 2             |                         | 48"  |                 | - 5 |     | Top 8": Black, CLAY (organic Peat); layers of fine to medium Sand; brick fragments.     |
|               |                         |  |                 | - 6 |     | Bottom 17": Gray, fine SAND.  |
|               |                         |  |                 | - 7 |     |   |
|               |                         |  |                 | 8   |     |   |
| 3             | 20                      | 48"  |                 | 9   |     | Top 18": Gray, fine SAND.   |
|               | 15                      |  |                 | 10  |     | Next 9": Gray, medium to coarse SAND, trace Silt, little fine Gravel.                   |
|               | <1                      |  |                 |     |     | Bottom 13": Brown, SILT.  |
|               |                         |  |                 | 12  | _/\ |   |
|               |                         |  |                 | 13  | V   | Boring terminated.  |
|               |                         |  |                 | 14  | i   |   |
|               |                         |  |                 | 15  |     |   |
|               |                         |  |                 | 16  |     |   |
|               |                         |  |                 | 17  |     |   |
| 10000         |                         | be Sampl                                     | <u> </u>        | 18  |     | Boring Method: Geoprob  |

GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses

882010186



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Lodi, New Jersey

File No.: 94039

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

Robert Shusko

Date Started: 8/28/98

Date Completed: 8/28/98

GeoProbe Boring No.: HA-25

|               |                         |                                 |                 |     | Date Completed: 8/28/98  |
|---------------|-------------------------|---------------------------------|-----------------|-----|--|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered | Depth<br>(Feet) |     | Soil Description   |
|               |                         |                                 | 0               |     | Top 1": Asphalt; augered to 1' below ground surface.   |
| 1             |                         | 48" 26"                         | 1               |     | Top 4": Blue-Gray, medium to fine GRAVEL; base coarse.   |
|               | <1                      | 20                              | 2               |     | Bottom 22": Brown, fine to coarse SAND, trace Silt, little fine to medium Gravel; brick and wood pieces. |
|               |                         |                                 | 4               |     |  |
| 2             |                         | 48"<br>27"                      | 5               | -   | Top 19": Brown, fine to coarse SAND, trace Silt, little fine to medium Gravel; brick and wood pieces.    |
|               |                         |                                 | 7 8             |     | Bottom 8": Gray, fine SAND.  |
| 3             | <1                      | 48"                             | 9               |     | Top 12": Gray, fine SAND.  |
|               | 15                      |                                 | 10              |     | Next 12": Red-Brown, fine to medium GRAVEL some, medium to coarse Sand, trace Silt.                      |
|               |                         |                                 | 11              |     | Bottom 7": Brown, SILT.  |
| ,             |                         |                                 | 12              | -\- | Boring terminated.   |
|               |                         |                                 | 14              |     |  |
|               |                         |                                 | 15              |     |  |
|               |                         |                                 | 16              |     | · .  |
|               |                         |                                 | 17              |     |  |
|               |                         |                                 | 18              |     |  |

GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses

882010187



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

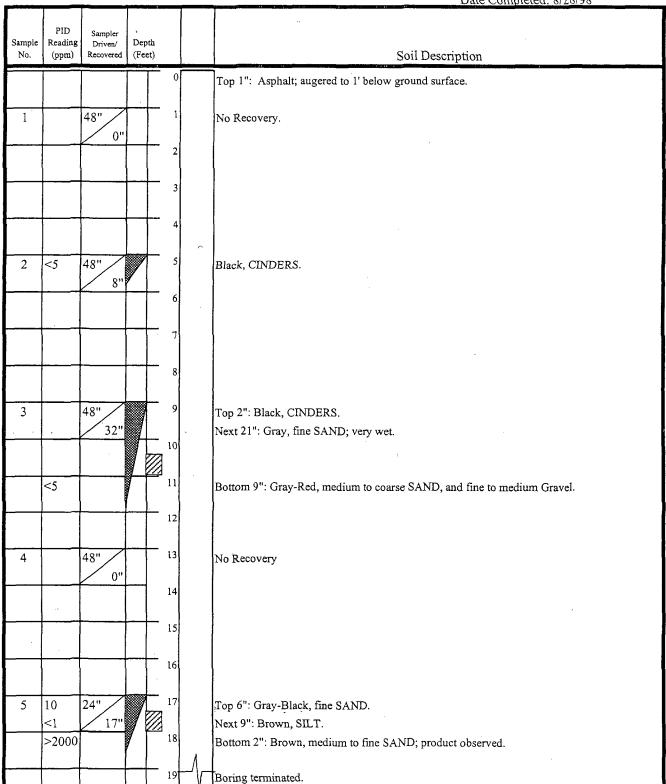
GeoProbe Boring No.: HA-26

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98







Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Inspector:

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-27

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98 PID Sampler Sample Reading Driven/ Depth No. (ppm) (Feet) Recovered Soil Description Top 1": Asphalt; augered to 1' below ground surface. 1 <1 48" Top 6": Blue-Gray, medium to fine GRAVEL; base course. 30" Next 13": Brown, fine to coarse SAND, trace Silt, little fine to medium Gravel; brick fragments. Bottom 11": Gray-Black, fine to medium SAND, trace Silt, little fine to medium Gravel. 2 48" Top 8": Brown, fine to coarse SAND, and fine to coarse Gravel. 12" Bottom 4": Black, fine to medium SAND (possibly fly-ash); wet. 3 Top 4": Black, fine to medium SAND (possibly fly-ash): wet. 22' Next 8": Gray, medium to coarse SAND, trace fine Gravel. 10 150 Next 4": Red-Brown, medium to fine GRAVEL, little fine to medium Sand. <5 Bottom 6": Gray-Brown, SILT. 11 13 Boring terminated. 15 16 17

GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses

882010189



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

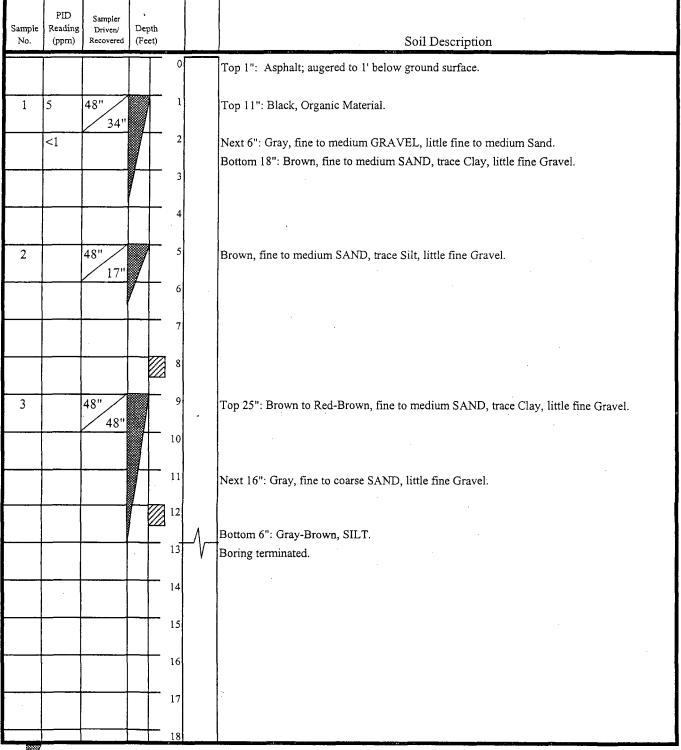
GeoProbe Boring No.: HA-28

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98



GeoProbe Sample

Boring Method: Geoprobe



Sample Interval for Chemical Analyses

882010190



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

**Drilling Contractor:** Inspector:

Environmental Probing, Inc. (EPI)

Date Started: 8/28/98

Page 1 of 1

File No.: 94039

GeoProbe Boring No.: HA-29

Robert Shusko Date Completed: 8/28/98 PID Sampler Sample Reading Depth Driven/ No. (Feet) Soil Description (ppm) Top 2": Asphalt; augered to 1' below ground surface. 1 48" Brown-Gray, fine to medium SAND; wood pieces and organic material. 16' Top 16": Gray-Black, fine to medium SAND, some Clay; organic material. 30" Bottom 14": Gray, fine to medium SAND; wet at the bottom. 48" 3 Top 22": Gray, fine to medium SAND; wet. 26" 10 11 Bottom 4": Red-Brown, coarse SAND, and fine to medium Gravel. 12 48" 13 Top 12": Gray, medium to coarse SAND, little fine Gravel. 36" 14 Bottom 24": Gray, SILT. 16 Boring terminated.

GeoProbe Sample Recovery

Boring Method: Geoprobe



Sample Interval for Chemical Analyses



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

Robert Shusko

GeoProbe Boring No.: HA-30

Page 1 of 1

File No.: 94039

Date Started: 8/28/98

Date Completed: 8/28/98 PID Sampler Sample Reading Depth Driven/ (Feet) Soil Description No. (ppm) Recovered Top 1": Asphalt; augered to 1' below ground surface. 1 2 Black (possible stained), fine to medium SAND; wood pieces and roots. 23" <1 Brown-Black (possibly stained), fine to medium SAND, little Clay; organic material; moist. 24" 3 48" Top 19": Brown-Black (possibly stained), fine to medium SAND, little Clay; organic 35' material; moist. 10 11 <1 Bottom 16": Gray, medium to coarse SAND, trace fine Gravel; wet. 12 13 4 48" Top 10": Gray, medium to coarse SAND, trace fine Gravel. 28" 14 Next 6": Red-Brown, coarse SAND, some fine to medium Gravel. Bottom 12": Red-Brown with Gray marbling, SILT. 15 16 17 Boring terminated.

Sample Interval for Chemical Analyses

GeoProbe Sample Recovery

882010192



Client:

**Hexcel Corporation** 

Project:

Hexcel Facility

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

**MPO** 

GeoProbe Boring No.: HA-31

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

|               |                         |   |                 |              | Date Completed: 8/19/99   |
|---------------|-------------------------|---|-----------------|--------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered<br>(Feet) | Depth<br>(Feet) | Soil<br>Type | Soil Description  |
| 1             | 0                       | 48"                                       |                 | 0            | Surface Conditions: Asphalt.  |
|               |                         | 24"                                       |                 |              | 2.0': Dark brown, coarse to fine SAND and Clayey Silt; occasional cobble or brick.                            |
|               |                         |   | /               | l SM         |   |
| -             |                         |   |                 | 2            |   |
|               |                         |   |                 | 1            |   |
|               |                         | <del></del>                               |                 | 3            |   |
|               |                         |   |                 |              |   |
| 2             | 0                       | 48"                                       |                 | 4            | No recovery.  |
|               |                         | 0"  |                 | 5            | ·   |
|               | ·                       |   |                 | 1            |   |
|               | -                       |   |                 | 6            | ·   |
|               |                         |   |                 | -            |   |
|               |                         |   |                 | 7            |   |
|               |                         |   |                 | 8            |   |
| 3             | 0                       | 48"                                       | //              |              | 2.0': Dark brown, Clayey SILT, trace medium to fine Sand; occasional organics.                                |
|               |                         | Z 24                                      | <b>/</b>        | 9            |   |
|               |                         |   |                 |              |   |
|               |                         |   |                 | 10           |   |
|               |                         |   | <del></del>     | 11           |   |
|               |                         |   |                 | 11           |   |
| 4             |                         | 48"                                       |                 | 12           | Top 1.7': Same as above.  |
|               |                         | 25"                                       |                 |              |   |
|               |                         |   |                 | 13           | Next 0.4': Gray, coarse to fine SAND, trace Silt.   |
| _             |                         |   |                 | 14           | Dettern 0 11. Drawn SH T  |
|               |                         |   |                 |              | Bottom 0.1': Brown, SILT.   |
|               |                         |   | 777             | 15 ML        |   |
|               |                         |   |                 | _/_/_        | End of boring at 16.0 feet.   |
|               |                         |   |                 | 16           |   |
|               |                         |   |                 | 17           | Notes:  |
|               |                         |   |                 |              | No recovery in sample S-4 at initial location. S-4 resampled 2 ft. south and 2 ft. west of original location. |
| 14            | <del> </del>            |   |                 | 18           |   |

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

Water table based on observed moisture

GeoProbe Sample Recovery

Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

882010193



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Lodi, New Jersey

Location: Drilling Contractor:

**Environmental Probing, Inc. (EPI)** 

Inspector:

**MPO** 

GeoProbe Boring No.: HA-32

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

|               | <b>,</b>                |   |                 |    |              | Date Completed: 8/19/99   |
|---------------|-------------------------|---|-----------------|----|--------------|---|
| Sample<br>No. | PID<br>Reading<br>(ppm) | Sampler<br>Driven/<br>Recovered<br>(Feet) | Depth<br>(Feet) |    | Soil<br>Type | Soil Description  |
| 1             | 0                       | 48"                                       |                 | 1  | SM           | Surface Conditions: crushed stone and asphalt. 4.0': Brown, Clayey SILT and coarse to fine Sand; fill, debris.                        |
| -             |                         |   |                 | 3  |              |   |
| 2             | 0                       | 48"<br>27"                                |                 | 4  |              | Top 0.2': Same as above.  |
|               |                         | <u>.</u>                                  |                 | 5  | ▼            | Next 1.0 Brown, Clayey SILT, trace medium to fine Sand; wet.  |
|               |                         |   |                 | 7  |              | Bottom 1.1': Brown, medium to fine SAND, some Clayey Silt.  |
| 3             | 0                       | 48"                                       |                 | 8  |              | Top 1.0': Same as above.  |
|               |                         |   |                 | 10 | -            | Next 0.8': Black/brown, Clayey SILT, trace medium to fine Sand.  Bottom 0.5': Brownish gray, medium to fine SAND, little Clayey Silt. |
|               |                         |   |                 | 11 |              | 2000000 00 1 210 William gray, mediani to fine 57 (172), finic Clayby Sili.   |
| 4             | . 0                     | 48"                                       |                 | 12 |              | Top 2.7': Brown, coarse to fine SAND, little Clayey Silt; wet.  |
|               |                         |   |                 | 13 |              | Next 0.3': Reddish gray, coarse to fine SAND, little Clayey Silt; moist.  |
|               |                         |   |                 | 14 |              | Bottom 1.0': Grayish brown, SILT; wet.  |
|               |                         |   | _               | 16 | ML           | End of boring at 16.0 feet.   |
|               |                         |   |                 |    | -210         | cetate liner, except where indicated.   |

Water table based on observed moisture

GeoProbe Sample Recovery

Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-33

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Lodi, New Jersey

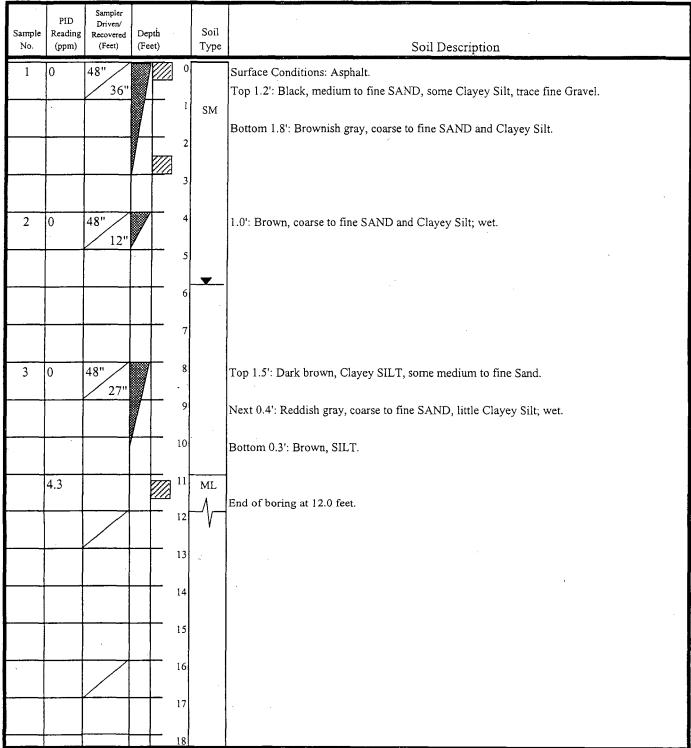
File No.: 74167-007

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI) MPO

Date Started: 8/19/99

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

water table based on observed moisture

Sample Interval for Chemical Analyses

Observed change in soil type

GeoProbe Sample Recovery

Inferred change in soil type

882010195



Client:

**Hexcel Corporation** 

Project: Location: **Hexcel Facility** Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

**MPO** 

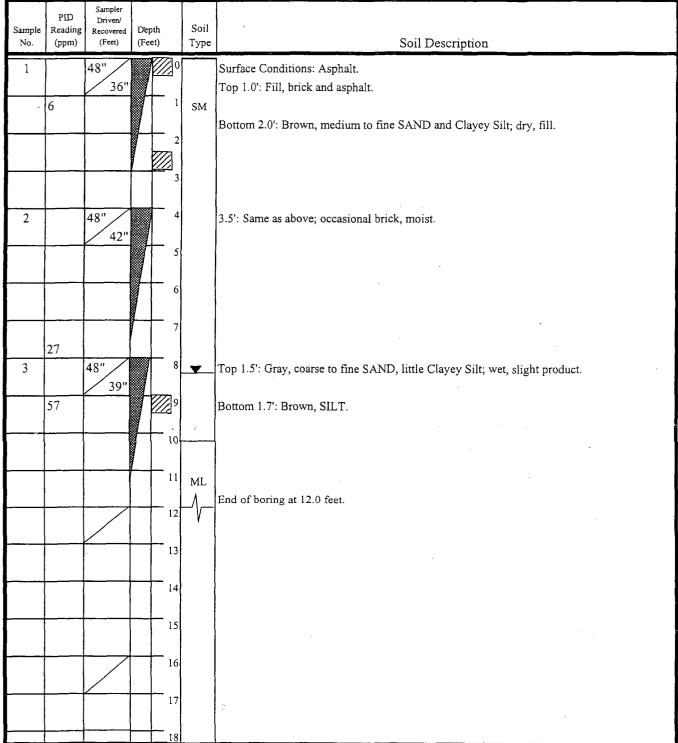
GeoProbe Boring No.: HA-34

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

water table based on observed moisture

GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Boring Method: Geoprobe

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-35

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Lodi, New Jersey Environmental Probing, Inc. (EPI)

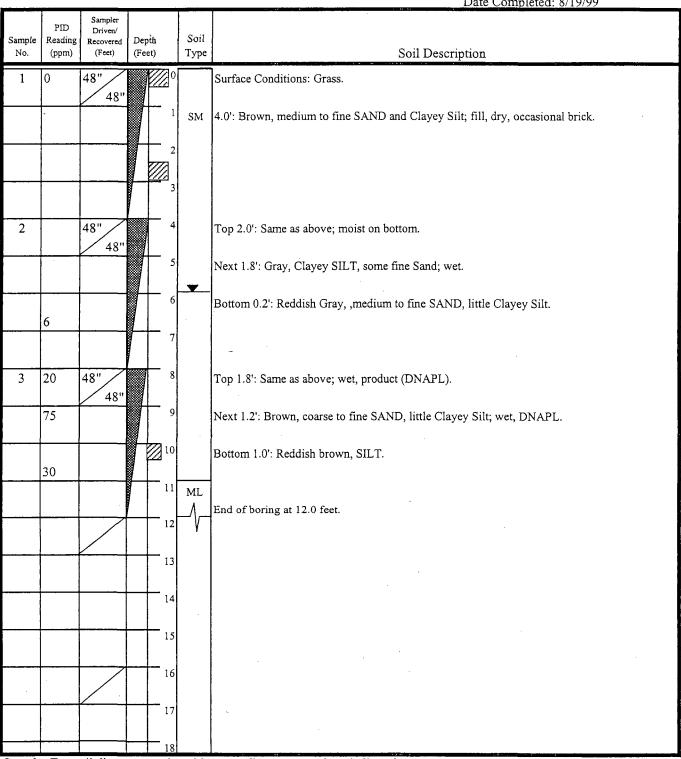
Drilling Contractor:

Date Started: 8/19/99

File No.: 74167-007

**MPO** Inspector:

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

GeoProbe Sample Recovery

■ Water table based on observed moisture

Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-36

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Lodi, New Jersey

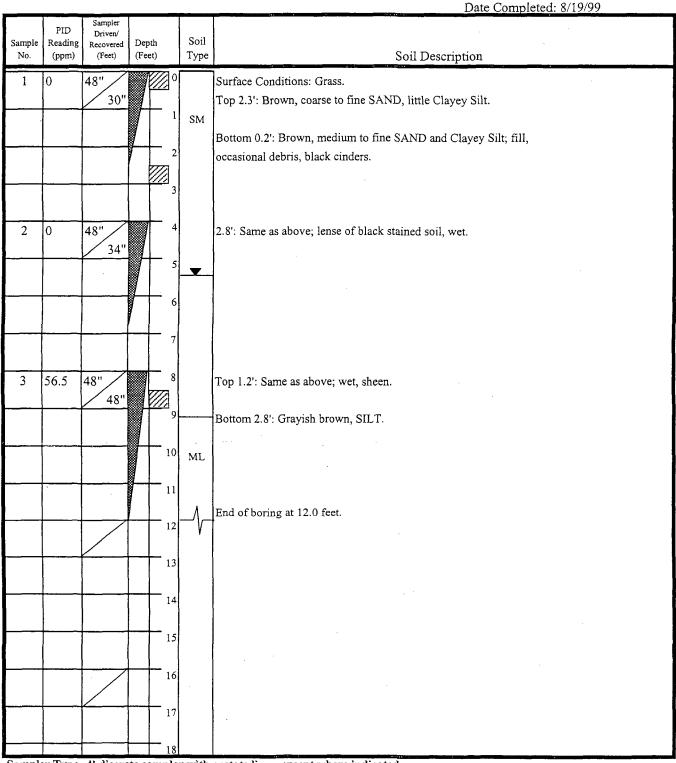
File No.: 74167-007

Drilling Contractor:

Environmental Probing, Inc. (EPI)

**MPO** Inspector:

Date Started: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

■ Water table based on observed moisture

Boring Method: Geoprobe

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Inspector:

Drilling Contractor:

Environmental Probing, Inc. (EPI) MPO

GeoProbe Boring No.: HA-37

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99 Sampler PID Driven/ Soil Sample Reading Depth Recovered No. (ppm) (Feet) (Feet) Type Soil Description 48" Surface Conditions: Brown topsoil, grass and bricks. 24" Top 0.4': Brown, coarse to fine SAND and Clayey Silt; organic topsoil. Next 1.2': Light brown, Clayey SILT, trace medium to fine Sand. Bottom 0.4': Light brown, Coarse to fine SAND, some Clayey Silt. 48" 2 27' 2.3': Same as above; wet. 48" 3 Top 1.2': Same as above. 42" Next 0.2': Black, Coarse to fine SAND and Clayey Silt; stained. 10 Bottom 2.1': Dark brown, Clayey SILT, little coarse to fine Sand. 11 12 48" Top 3.0': Brown, Clayey SILT, some medium to fine Sand. 48" 13 Bottom 1.0': Brownish gray, SILT. 14 ML End of boring at 16.0 feet. 17 Sample S-4 collected from separate boring, approximately 3' west of original boring.

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

▼ Water table based on observed moisture

GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

Hexcel Facility

Project: Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

MPO

GeoProbe Boring No.: HA-38

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99 Sampler PID Driven/ Soil Reading Sample Depth' Recovered (ppm) (Feet) (Feet) Type Soil Description 48" Surface Conditions: Soil. 1 0 32' 2.7': Brown, coarse to fine SAND and Clayey Silt; dry. 2 0.8': Same as above; moist. 10" 2.3': Dark brown, Clayey SILT and fine Sand; occasional root and organic material. 3 27' 10 11 12 Top 3.6': Gray, coarse to fine SAND, some Clayey Silt; wet, occasional sheen. 44' 13 20 Bottom 0.1': Gray, SILT. ML 17

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

\_\_\_\_ Water table based on observed moisture

GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

882010200



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-39

Project:

**Hexcel Facility** 

Lodi, New Jersey

Page 1 of 1 File No.: 74167-007

Location: Drilling Contractor:

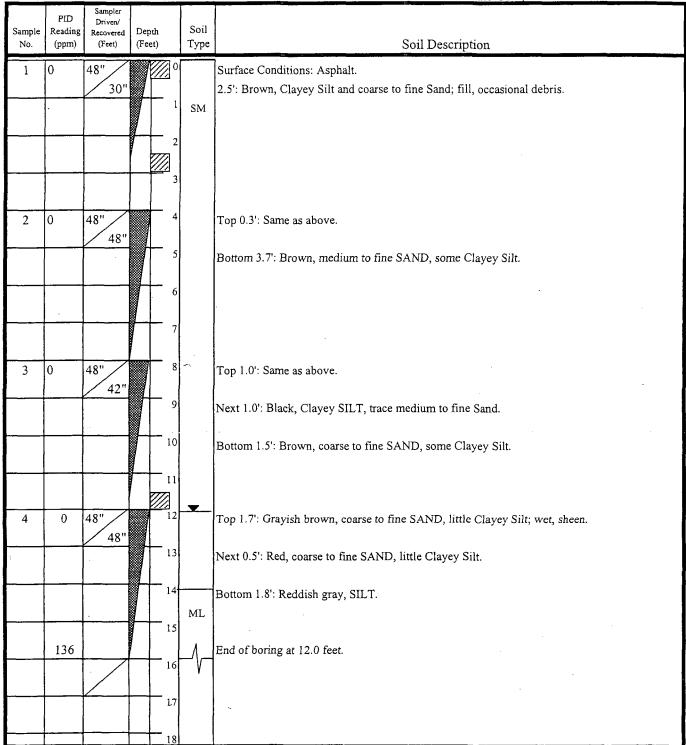
Environmental Probing, Inc. (EPI)

Inspector:

**MPO** 

Date Started: 8/19/99

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

■ Water table based on observed moisture

Boring Method: Geoprobe

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

Project:

**Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor: Inspector:

Environmental Probing, Inc. (EPI)

MPO

GeoProbe Boring No.: HA-40

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99 Sampler PID Driven/ Reading Soil Sample Depth Recovered Soil Description No. (ppm) (Feet) (Feet) Type 0 48" Surface Conditions: Asphalt. 1 24" Top 1.3': Brown/black, coarse to fine SAND, little Clayey Silt; debris, brick. Bottom 0.7': Brown, Clayey SILT, trace medium to fine Sand. 2 Top 2.3': Same as above; moist. 33' Bottom 0.4': Brown, coarse to fine SAND, some Clayey Silt. 3 48" Top 2.0': Brown, medium to fine SAND and Clayey Silt; moist. 36' Bottom 1.0': Dark brown, medium to fine SAND and Clayey Silt. 10 11 4 0 48" 12 Top 2.0': Brwon Clayey SILT and medium to fine Sand; wet. 48' 13 Next 1.9': Dark brown, medium to fine SAND and Clayey Silt; moist, brick piece at bottom. Bottom 0.1': Reddish Gray, SILT. ML 17

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

▼ Water table based on observed moisture

GeoProbe Sample Recovery

Sam

Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

882010202



Client:

**Hexcel Corporation** 

**Hexcel Facility** 

Project: Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

MPO

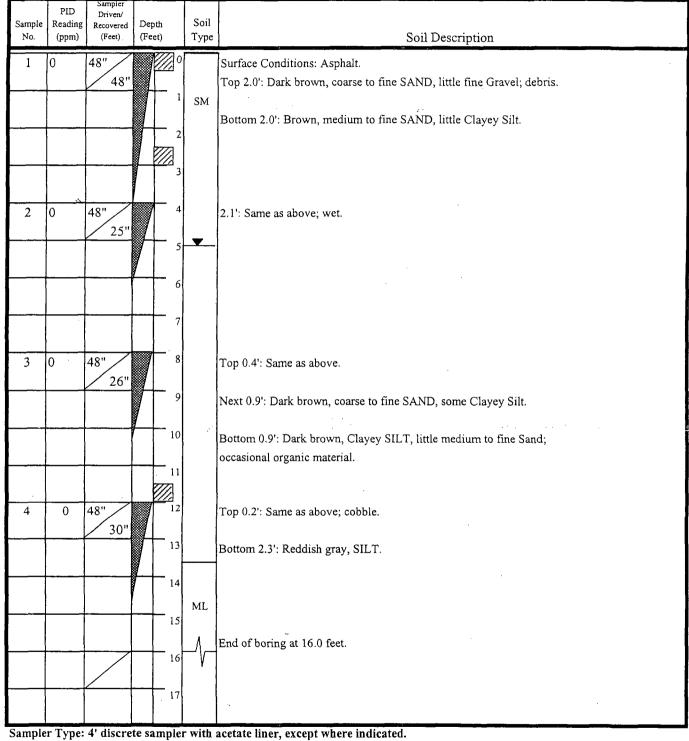
GeoProbe Boring No.: HA-41

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99



■ Water table based on observed moisture

GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type Inferred change in soil type

882010203



Client:

**Hexcel Corporation** 

Project: **Hexcel Facility** 

Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

**MPO** 

GeoProbe Boring No.: HA-42

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99 PID Driven/ Soil Sample Reading Depth Recovered Soil Description No. (ppm) (Feet) (Feet) Type Surface Conditions: Asphalt. 1 48" 3.5': Brown, medium to fine SAND and Clayey Silt, trace fine cobble; fill, occasional debris. 42' SM 293 127 48" 2 Top 0.8': Same as above; dry. 37" Next 1.4': Brown, Clayey SILT and medium to fine Sand; wet. Next 0.5': Gray, Coarse to fine SAND, little Clayey Silt; wet. Bottom 0.4': Yellowish Gray, Clayey SILT, little medium to fine Sand, dry. 48" 66 48" Top 0.9': Brown, coarse to fine SAND, some Clayey Silt; wet. Bottom 3.1': Grayish brown, SILT. 10 ML11 End of boring at 12.0 feet. 12 13 14 15 17

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

water table based on observed moisture GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-43

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Drilling Contractor:

Lodi, New Jersey Environmental Probing, Inc. (EPI)

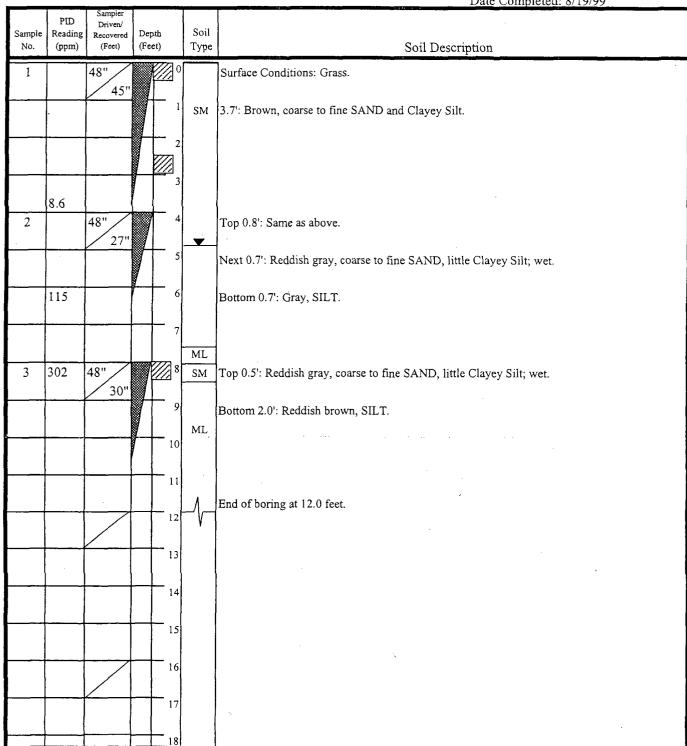
Inspector:

**MPO** 

Date Started: 8/19/99

File No.: 74167-007

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

water table based on observed moisture

GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type Inferred change in soil type



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-44

Project:

**Hexcel Facility** 

Page 1 of 1

Location:

Lodi, New Jersey

File No.: 74167-007

Drilling Contractor:

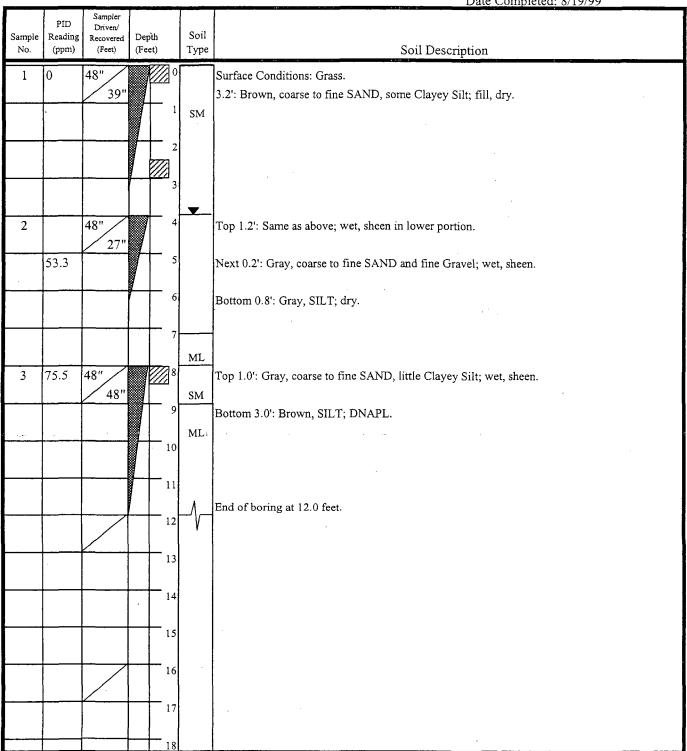
Environmental Probing, Inc. (EPI)

Inspector:

**MPO** 

Date Started: 8/19/99

Date Completed: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

■ Water table based on observed moisture

Boring Method: Geoprobe



GeoProbe Sample Recovery Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

882010206



Client:

**Hexcel Corporation** 

Hexcel Facility

Project: Location:

Lodi, New Jersey

Drilling Contractor:

Environmental Probing, Inc. (EPI)

Inspector:

MPO

GeoProbe Boring No.: HA-45

Page 1 of 1

File No.: 74167-007

Date Started: 8/19/99

Date Completed: 8/19/99 Sampler PID Driven/ Reading Depth Soil Sample Recovered No. (Feet) (Feet) Type Soil Description (ppm) 1 0.8 48" Surface Conditions: Grass and Rubble 33 Top 0.4': Dark brown, Coarse to fine SAND, some Clayey Silt; occasional debris and brick. Next 1.3': Light brown, Clayey SILT, trace fine Sand. SM Bottom 1.0': Brown, Medium to fine SAND, some Clayey Silt, trace Cobbles. 2 48" Top 0.7': Same as above. 36" Next 1.0': Dark brown, medium to fine SAND, some Clayey Silt; wet. Next 1.0': Light brown, medium to fine SAND, some Clayey Silt; wet. Bottom 0.3': Dark brown/black, fine SAND and Clayey Silt; wet, stained. 48" 3 481 Top 2.3': Same as above; partial staining. 0 Bottom 1.7: Dark brown, Clayey SILT, trace medium to fine Sand. 11 10 NA 48" Top 2.6': Dark brown, Clayey SILT, some medium to fine Sand; 39' some staining and odor @ 14.0 to 14.5 feet (sample collected) 13 Next 0.1': Gray, medium to fine SAND, trace Clayey Silt. odor Bottom 0.5': Brownish gray, SILT. 15 MLEnd of Boring at 16.0 feet odor 16 Notes: Sample S-4 collected from separate boring, approximately I' south, 3' west of original boring. OVM no longer working. Battery needed recharging.

Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

■ Water table based on observed moisture

GeoProbe Sample Recovery

Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

882010207



Client:

**Hexcel Corporation** 

GeoProbe Boring No.: HA-46

Project:

**Hexcel Facility** 

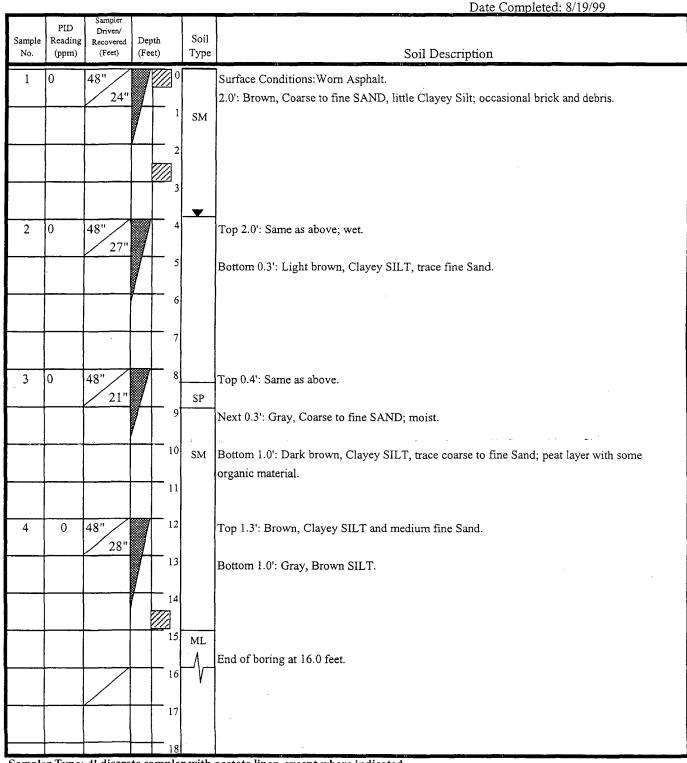
Page 1 of 1

Location: Drilling Contractor: Lodi, New Jersey Environmental Probing, Inc. (EPI) File No.: 74167-007

Inspector:

MPO

Date Started: 8/19/99



Sampler Type: 4' discrete sampler with acetate liner, except where indicated.

■ Water table based on observed moisture

Boring Method: Geoprobe

GeoProbe Sample Recovery



Sample Interval for Chemical Analyses

Observed change in soil type

Inferred change in soil type

#### Appendices G through K bound separately

Appendix G: Underground Utilities Map (Figure 6)

Appendix H: Disposal Certificates related to Demolition of PCB-Contaminated

**Building Materials** 

Appendix I: Sections of Killam's 15 May 1993 Progress Report with an item-by-

item response to NJDEP's 4 May 1993 letter (NJDEP letter included)

Appendix J: An item-by-item response to the NJDEP's 26 October 1993 letter

(NJDEP letter included)

Appendix K: Groundwater Elevation/DNAPL/LNAPL Monitoring Data (From Third

Quarter 1999 till April 2002)

• Figure 7: Shallow Groundwater Elevation Contours on 4/12/02

• Figure 8: Deep Groundwater Elevation Contours on 4/12/02

• Quarterly, Monthly, and Product Recovery Tables



New Jersey Department of Environmental Protection 31 May 2002 Page 2 of 11

A review of the past submissions to the NJDEP, which were detailed in the 1999 RAWA, indicates fourteen Areas of Environmental Concern (Historical AECs). Hexcel, in its January 1993 Summary of Soil Investigations and Conceptual Cleanup Plan Proposal [prepared by Killam Associates (Killam)], included a discussion of these areas and proposed merging areas. NJDEP, in its 4 May 1993 letter, approved the merging of various AECs into three areas of soil contamination (Killam's Area 1, 2 and 3). The 1999 RAWA AOC-1 encompasses all 14 historical AECs. Additional AOCs (AOC-2 through AOC-11) were added in the 1999 RAWA to present a discussion of all outstanding issues. Table II presents the 1999 RAWA AOC summary, which we propose to use as the AOC designations in the future correspondences regarding the Hexcel site. Any new issues that might come up, will be either merged into one of the proposed AOCs, if appropriate, or made part of a new AOC.

In the 1999 RAWA, Hexcel presented AOC-1 (1A through IF) as the preliminary areas for 2-Phase Extraction. Since then, Hexcel has re-configured AOC-1 into four Remediation Areas (RAs) to encompass a larger area of the site than presented in the 1999 RAWA. The reconfigured RAs were first presented to the NJDEP in our 24 January 2002 letter.

Table I presents the cross-reference of the fourteen historical AECs, the Killam Areas, and the current AOC-1 RAs. Figure 1 provides a visual depiction of the same. As depicted in Figure 1, the current RAs fully encompass the historical AECs with the exception of AEC-10 and AEC-11 which received No Further Action (NFA) approvals from the NJDEP in May 1993. Figure 2 presents the comparison between the 1999 RAWA AOC-1 (AOC-1A through AOC-1F) and the 2002 RAWA AOC-1 (RA-1 through RA-4), to show the larger area targeted for 2-Phase Extraction compared to the area presented in the 1999 RAWA.

#### 2-Phase Extraction

Items 1 and 2: Hexcel will perform volatile organics contamination soil delineation concurrent with remediation activities, as required by the NJDEP in its 20 November 2001 letter. In NJDEP's recent letters (20 November 2001, 12 March 2002, and 2 May 2002), the NJDEP rejected Hexcel's position that further soil delineation was not necessary prior to completing 2-Phase Extraction remediation. Hexcel apologizes for any misunderstanding regarding the need for further soil delineation and clarifies the apparent reason for the misunderstanding. Killam's January 1993 report presented the entire soil data set for the site, which substantiated the delineation of the contamination. As noted above, this report further proposed merging the historical AECs into three areas of soil contamination (refer to Table and Figure 1). Killam also proposed a soil gas survey in this report. Hexcel understood the objective of Killam's January 1993 proposed soil gas survey to be for cost estimating purposes rather than delineation. Hexcel interpreted that the NJDEP concurred with this strategy by indicating in its 4 May 1993 response that delineation of contamination was acceptable. Subsequently, Hexcel calculated the remedial estimates by alternate means and thus did not proceed with the approved soil gas survey. It was not understood that NJDEP's approval was, in fact, a soil investigation requirement. Nevertheless, Hexcel will conduct the additional soil delineation activities concurrent with remediation to comply with NJDEPs requirements. Hexcel is moving forward with the soil and groundwater delineation activities,



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namely, investigation of Building 2, investigation east of MW-21, and PCB investigation in Molnar Road.

Item 3: NJDEP has required that the 2-Phase Extraction application areas be depicted together with sampling locations, depths, and concentrations flags. Hexcel, in its January 1993 Soil Investigation Summary Report (prepared by Killam), provided site maps with depths and results flags for all sampling locations and tested parameters. We have utilized these previously submitted maps to overlay the re-configured RAs.

- Appendix C provides the soil sampling location and results maps for Volatile Organics (Killam Figures 4, 5, 11, and 12 superimposed with the current RAs). These figures are followed by an interpretive color figure (Figure 3), depicting the soil sample locations above NJDEP soil cleanup criterion (without the results flags).
- Appendix D provides the soil sampling location and results map for Polychlorinated Biphenyls (PCBs) in Figure 4. Figure 5 provides the post-excavation sample locations and results for the surficial excavation conducted in July and August 2001.

We hope the above site maps allow NJDEP to see that all areas with elevated levels of organics are targeted to be addressed by 2-Phase Extraction. An isolated sample location G-3, which exhibited elevated concentrations of Tetrachloroethane and Methylene Chloride and is located outside the currently designated RAs, will be targeted for further investigation as part of the soil delineation activities.

Item 4: NJDEP has requested that Hexcel submit a proposal for post remedial soil sampling after the delineation of all contamination has been completed. Hexcel is presenting a conceptual post-remediation soil testing plan within this 2002 RAWA for NJDEP's review and comments. Hexcel proposes to follow the post-remedial action requirements from the Technical Requirements for Site Remediation (N.J.A.C. 7:26E-6.4). Specifically, the technical requirements specify a sampling frequency of one sample per 900 square feet of contaminated area for soils, if in situ remediation is conducted. Areas exhibiting elevated levels of VOCs (Figure 3) and PCBs (Figure 4) will be targeted for post-remediation soil sampling. Additional areas and locations, as dictated by the future soil delineation activities, will also be included for post-remediation soil sampling. One soil sample will be collected at each location biased based on field screening. If field screening does not indicate such bias, the soil sample will be collected just above the confining layer, consistent with the potential worst-case location for DNAPL-related volatile organics. We hope this satisfies NJDEP's requirement for a post-remediation sampling plan at this time. A more specific plan depicting post-remediation soil boring locations and testing parameters will be provided for the NJDEP's review once delineation and 2-Phase Extraction are completed in each remediation area.

#### **Remediation of PCBs**

HALFY & ALDRICH

Item 5: The requested details were provided in the 24 January 2002 letter to the NJDEP. Additionally, Figure 4 in Appendix D provides a site map depicting concentrations of PCBs

New Jersey Department of Environmental Protection 31 May 2002 Page 4 of 11

and the associated sample depths which indicates that PCBs have been adequately delineated in all areas of the site based on historical data and additional PCB sampling conducted in 1998 and 1999. The issues of delineation for off-site surficial PCBs to the most stringent cleanup criteria is discussed in Item 6.

Item 6: The surficial excavation activities were conducted to address the surface exposure in areas without asphalt cover. Hexcel retained Land N Sea Environmental Services Inc. (LNS) to perform the surficial excavation activities. The initial excavation was conducted in May 2001. Additional excavation activities were conducted in August 2001 to advance the excavation outwards based on the post-excavation sampling results from May 2001. The depth of the surficial excavation was 2.5 feet. Figure 5 in Appendix D provides the details of the surficial soil excavation area and the post-excavation soil sample locations, depths and results. The laboratory QA/QC packages for the sampling are provided separately (STL Job Numbers: L205 and O201). The electronic deliverables in NJDEP-required format for the post-excavation PCB sampling are provided in Appendix D (NJDEP-original only). A print out indicating that the files passed the Electronic Data Submittal Application (EDSA) check is also included Appendix D.

Excavated soils were shipped to CWM Chemical Services, LLC in Model City, New York for disposal. The disposal manifests are included in Appendix E. The excavation was backfilled using crushed stone. The clean-fill certification is also attached in Appendix E.

Hexcel has executed an access agreement with Nappwood Land Corp. (Napp) for access to Napp's property for additional investigation activities. Hexcel will be conducting additional delineation for PCBs in Molnar Road also, results of which will be provided in future submissions.

Item 7: A review of Hexcel's submissions to NJDEP has indicated that site maps with contaminant concentrations and sample depths were provided to the NJDEP in reports prior to the submission of the 1999 RAWA. We refer NJDEP to the January 1993 Summary of Soil Investigations (prepared by Killam) which included site maps with results flags and depths for all soil data. The site maps with results flags for VOCs are provided in Appendix C (Killam Figures 4, 5, 11, and 12). The only exception was the new investigation data for PCBs which was not illustrated on the site map but with sample locations keyed to a results table. Figure 4 in Appendix D provides the PCB soil testing data. We hope that this will be acceptable and facilitate future review. Additionally, the boring logs for the 1998 and 1999 PCB investigation borings are included in Appendix F.

Item 8: Refer to Item 6 above.

Item 9: Hexcel understands that if groundwater sampling after 2-Phase extraction reveals that additional source removal is need for elevated levels of PCBs above 100 ppm, further remediation will be required, and conducted.



#### Storm Sewer Outfall (Hexcel's AOC-9)

Item 10: Hexcel will conduct investigation of the deeper sediments, as advised in our 24 January 2002 letter, due to the PCBs detected in the sediments. The investigation of the stream sediments will be conducted following investigation of the storm sewer (Item 16) required by the NJDEP. We will provide NJDEP with a plan in a future submission.

#### **Industrial Sewer Line (Hexcel's AOC-10)**

Item 11: As stated earlier, Hexcel has executed an access agreement with Napp for purposes of conducting investigation activities on Napp's property. Hexcel is formulating a plan for collecting soil and sediment samples along the length of the industrial sewer for waste classification purposes, collecting measurements to aid in designing the sewer removal, and identifying parameters of concern to be tested during post-excavation sampling. Hexcel will present the results of the investigation with details on sewer removal in a future submission.

Item 12: Please refer to Items 11 and 12 in the 24 January 2002 letter.

Item 13: Figure 6 in Appendix G provides a site map with all underground utilities on Hexcel site. Hexcel will be conducting a joint survey of the Hexcel and Napp properties with the objective of creating a joint site plan. The manhole locations for the industrial sewer on the Hexcel and Napp properties will also be surveyed. We will present the joint site plan depicting the entire industrial sewer line upon completion of the survey. We currently do no have the information to create an accurate site map with both properties that would allow depiction of the exact location of the entire industrial sewer from origin to discharge point, as required by the NJDEP in its 20 November 2001 letter.

#### Historical and any Newly Identified Areas of Concern

Item 14: A review of the past submissions to the NJDEP, which were detailed in the 1999 RAWA, indicates fourteen Areas of Environmental Concern (Historical AECs). Hexcel, in its January 1993 Summary of Soil Investigations and Conceptual Cleanup Plan Proposal (prepared by Killam), included a discussion of these areas and proposed merging one or more areas. NJDEP, in its 4 May 1993 letter, approved the merging of various AECs into three areas of soil contamination. As discussed in the beginning of this 2002 RAWA, Table I presents the cross-reference requested by the NJDEP. Figure 1 provides a visual depiction of the Current Remediation Areas (RAs) superimposed over the historical AECs.

In addition to the review of the historical AOCs, we also reviewed the Preliminary Assessment Report (PAR) prepared for Fine Organics (ISRA Case E97140) for submission to the NJDEP. The PAR generally refers to the ISRA Case E86009 for evaluation of areas of concern. All discharges reported in the PAR were pre-1993 and no new discharges were reported. Hexcel would like to re-iterate that the detection of surficial PCBs was "new information" rather than a "new discharge".



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We hope the above discussion provides NJDEP with the requested cross-reference of the historical AOCs with the current RAs and shows the inclusion of all historical AOCs within the proposed remediation area. If NJDEP has any remaining concerns regarding this issue, Hexcel is prepared to meet with the NJDEP to discuss and address these concerns. Hexcel would like to reassure NJDEP of its commitment to move forward with the remediation and address all areas of concern.

#### Steam Tunnel

Item 15: Hexcel is not proposing any testing related to the steam tunnel. The steam tunnel is a concrete structure and no discharge to the environment via the steam tunnel is indicated. Moreover, Napp does not allege any discharges via the steam tunnel onto Napp property. None is indicated in any of Napp's data. The steam tunnel has not been a historical AEC. The industrial sewer, on the other hand, has been an issue from the early phase of this ECRA/ISRA case. Hexcel respectfully submits that the industrial sewer line and the steam tunnel are two separate entities that served different purposes, were located in dramatically different locations and depths, and are constructed differently. The industrial sewer line will be investigated as set forth herein.

#### Storm Sewer Line

**Item 16:** Please refer to the 24 January 2002 letter. We will present a plan for sampling frequency and parameters for the storm sewer based on the results of the industrial sewer investigation.

#### Site Maps

Item 17: No additional response required. Please refer to the 24 January 2002 letter.

#### **Demolition Debris**

Item 18: Hexcel conducted sampling of building materials prior to demolition. Haley & Aldrich communicated extensively with EPA's David Greenlaw (EPA's Edison Office) regarding the building sampling and demolition requirements. The sampling protocols from 40 CFR Part 761, EPA's Final Rule for the Disposal of PCBs were used for classifying the materials (e.g. 761.265, Sampling bulk PCB remediation waste and porous surfaces and 761.267, Sampling non-porous surfaces). The sampling indicated that the wallboard, associated framing, and steel ductwork located in the drying room exceeded the most stringent disposal levels. Prior to demolition activities, the above-referenced materials were dismantled and packaged for transportation. The materials were transported by Safety Kleen of Laurel, Maryland to their Deer Park, Texas facility for incineration. The disposal certificate for these materials are included as Appendix H.

#### NJDEP's 4 May 1993 and 26 October 1993 Letters

Item 19: In its 20 November 2001 letter, NJDEP required that Hexcel shall provide an itemby-item response to NJDEP's 4 May and 26 October 1993 letters. A review of prior submissions indicates, however, that Hexcel provided an itemized response to the 4 May 1993



#### APPENDIX C

#### **Volatile Organics Soil Testing Results**

- Killam Figure 4: Soil Sampling Results, Surficial Volatile Organic Compounds
- Killam Figure 5: Soil Sampling Results, Sub-Surface Volatile Organic Compounds
- Killam Figure 11: Soil Sampling Results, Exceedances for Surficial Volatile Organic Compounds
- Killam Figure 12: Soil Sampling Results, Exceedances for Sub-Surface Volatile Organic Compounds
- Figure 3: VOC Impacted Areas for Soils



## **TABLES**



**TABLE 1** Cross-Reference Between Historical Areas of Environmental Concern and Current Areas of Concern and Remediation Areas Hexcel Facility Lodi. NJ

| Historical AEC Designation  | Killam Designation in January 1993   | 1999 RAWA AOC-1 Designation                                 | Current AOC and Remediation  |
|---|--|---|--|
| •   | Report   |   | Area (2002 RAWA)   |
| AEC 1: Two Fuel Oil USTs and ASTs<br>No. I and 2)                                 | Merged in Killam Area 1  | AOC-1C  | AOC-1: Remediation Area 2  |
| AEC 2: Aboveground Storage Tank Farm (east of Building 1)                         | Merged in Killam Area 1  | Portion in AOC-1C   | AOC-1: Remediation Area 2  |
| AEC 3: Aboveground Storage Tank Farm along southern edge of Building 4)           | Merged in Killam Area 2  | Portion in AOC-1B   | AOC-1: Remediation Area 2  |
| AEC 4: Aboveground Storage Tank No. 8   | Merged in Killam Area;2  | Portion in AOC-1B   | AOC-1: Remediation Area 2  |
| AEC 5: Aboveground Storage Tank Nos. 9 through 12                                 | Merged in Killam Area 1  | AOC-1B  | AOC-1: Remediation Area 3  |
| AEC 6: Aboveground Storage Tank Nos. 21 through 25                                | Merged in Killam Area 2  | AOC-1D  | AOC-1: Remediation Area 4  |
| AEC 7: Gasoline UST and Aboveground<br>Storage Tank Nos. 26 and 27                | Portion merged in Killam Area 3  | Portions in AOC-1D and<br>AOC-1E                            | AOC-1: Remediation Area 4  |
| AEC 8: Empty Drum Storage Area (west of Building 1)                               | Proposal to merge with AEC 13 and 14.  | Portions in AOC-1F and AOC-1E                               | AOC-1: Remediation Area 4  |
| AEC 9: Raw Material Drum Storage Area<br>(north of Building 6)                    | "No Further Action" approval for soils granted in DEP's 4 May 1993 letter.   | Portion included in AOC-1E due to groundwater contamination | AOC:1; included in Remediation<br>Area 4 due to groundwater<br>contamination |
| AEC 10: Empty Material Drum Storage Area (south of Warehouse/Building 5)          | "No Further Action" approval for soils granted in DEP's 4 May 1993 letter.   | Approved NFA  | Approved NFA   |
| AEC 11: Product Drum Storage Area (east of Warehouse/Building 5)                  | "No Further Action" approval for soils granted in DEP's 4 May 1993 letter.   | Approved NFA  | Approved NFA   |
| AEC 12: Pit (along southern half of Building 1)                                   | This area was not discussed in the Jan. 1993 report since it was related to an interior building wall wipe sample. | AOC-1C  | AOC-1: Remediation Area 3  |
| AEC 13: Loading Platform (along western side of Building 1)                       | No exceedances were found in this area; Proposal to merge with AEC 7 and 13.                                       | Not included  | AOC-1: Remediation Area 4  |
| AEC 14: Catch Basin (west of Building 1): No exceedances were found in this area. | No exceedances were found in this area; Proposal to merge with AEC 7 and 13.                                       | Not included  | AOC-1: Remediation Area 4  |
| AEC 15: Area within and beneath Boiler Room                                       |  | AOC-1C  | AOC-1: Remediation Area 3  |

TABLE II Proposed Designation for Areas of Concern Hexcel Facility Lodi, NJ

| Proposed Designation | <u>Description</u>  | Anticipated Activities  |
|----------------------|---|---|
|                      |   | 2-Phase Extraction implementation concurrent  |
| through RA-4)*       | in Soils and Groundwater  | with delineation activities.  |
| AOC-2                | Delineation of Groundwater Contamination to the South (across Molnar Road)                        | Review of Napp data.  |
| AOC-3                | Base/Neutral and Acid Extractable Organics and Priority Pollutant Metals in Groundwater           | i) Groundwater sampling of monitor wells along<br>Saddle River; ii) post-remediation groundwater<br>sampling for BNAs will be conducted; iii) need for<br>additional metals sampling will be evaluated                |
| AOC-4                | Investigation for the Extent of Silt Layer and Presence of DNAPL in the Area of Former Building 2 | NJDEP-approved investigation will be conducted;<br>Building 2 area is included with the current RAs.  |
| AOC-5                | Groundwater Quality in the Deep (Lower) Formation   | Groundwater sampling in accordance with a plan presented in the 2002 RAWA.  |
| AOC-6                | Remediation of PCBs   | Additional delineation activities will be conducted along Molnar Road for surficial PCB contamination.  |
| AOC-7                | Bedrock Groundwater Investigation   | In accordance with NJDEP's approval, a bedrock well will be installed near MW-1 after the remediation of RA-1.  |
| AOC-8                | Saddle River as Receptor  | i) Surface water sampling in accordance with NJDEP-approved plan will be conducted following evaluation of BNA and metals gw data for wells along Saddle River; ii) baseline ecological evaluation will be conducted. |
| AOC-9                | Storm Sewer Investigation   | An investigation along the storm sewer will be planned  |
| AOC-10               | Industrial Sewer Line   | Soil and sediment samples along the sewer line will be collected.   |
| AOC-11               | Production Well   | Awaiting NJDEP's approval for abandonment of the existing production wells and installation of  |

#### Notes:

1) Remediation Areas 1 through 4 (RA- 1 through RA-4) encompass the 1999 RAWA AOC-1 and the historical AECs.

#### APPENDIX G

Underground Utilities Map (Figure 6)



#### APPENDIX H

Disposal Certificates related to Demolition of PCB-Contaminated Building Materials





### HAZARDOUS MATERIALS WASTE DISPOSAL

SAFETY KLEEN (TS), INC. 3527 WHISKEY BOTTOM ROAD LAUREL MD 20724-

Mail To: HEXCEL CORPORATION G/O HALEY, & ALDRICH

150 MINERAL SPRING DRIVE

DOVER NU 07801

Attention: KEVIN GREENER

Pickup Address: HEXCEL CORPORATION:

205 MAIN ST LOOI NJ 07544-

Manifest No: NUHEX-99454

This is to certify that hazardous material removed from

has been disposed of in accordance with all applicable local, state and federal regulations in the following manner

| 990526-NJHEX-001 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-011 DEER PARK, IX 990526-NJHEX-003 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-015 DEER PARK, IX 990526-NJHEX-004 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-016 DEER PARK, IX 900526-NJHEX-005 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-016 DEER PARK IX 900526-NJHEX-007 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-017 DEER PARK IX 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-018 DEER PARK IX 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 6HEX-019 DEER PARK IX 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-008 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-009 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK), INC. 900526-NJHEX-010 06/21/99 SAFETY-KLEEN-OPER PARK) | : Container  | Date                       |  | Location   | Method   |
|--|--|----------------------------|--|--|--|
| 990526-NJHEX-002 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-011 DEER PARK TX 990526-NJHEX-003 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016 DEER PARK TX 990526-NJHEX-004 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016 DEER PARK TX 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016 DEER PARK TX 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-017 DEER PARK TX 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-018 DEER PARK TX 990526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-019 DEER PARK TX 990526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER PARK TX 990526-NJHEX-008 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER PARK TX 990526-NJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER PARK TX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER PARK TX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER-PARK TX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER-PARK TX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-012 DEER-PARK TX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-013 DEER-PARK TX 990526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-015 DEER PARK TX 990526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-015 DEER PARK TX 990526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-015 DEER PARK TX 990526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-015 DEER PARK TX   | 990526-NJHEX-001   | 06/21/99                   | SAFETY-KLEEN (DEER PARK),                              | INGLES .   | Rotary Kilm Incineration 122 47 13                             |
| GHEX-011 DEER PARK TX  990526-MJHEX-003 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-004 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-008 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-012 DEER PARK TX  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  6HEX-012 DEER PARK TX  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  6HEX-015 DEER PARK TX  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  6HEX-015 DEER PARK TX  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  6HEX-015 DEER PARK TX  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  990526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  800526-MJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  800526-MJHEX-015 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  800526-MJHEX-015 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  800526-MJHEX-015 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  800526-MJHEX-015 06/21/99 SAFETY-KLEEN (DEER | 6HEX: 010  |                            | DEER PARK TX   |  |  |
| 990526-NJHEX-003 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016. 990526-NJHEX-004 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016 DEER PARK TX 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-016 DEER PARK TX 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 990526-NJHEX-006 06/21/99 SAFETY-KLEEN (DEER PARK), INC. 6HEX-013 DEER PARK TX 990526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 6HEX-012 DEER PARK TX 990526-NJHEX-008 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-008 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 990526-NJHEX-009 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER-PARK), INC. 80526-NJHEX-015 DEER-PARK TX   | 990526-NJHEX-002   | 06/21/99                   | SAFETY-KLEEN (DEER PARK).                              | inc.   | Rotary Kiln Incineration                                       |
| SHEX-016   DEER-PARK IX  90526-NJHEX-004   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-016   DEER PARK IX  90526-NJHEX-005   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-014   DEER PARK IX  90526-NJHEX-005   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-013   DEER PARK IX  90526-NJHEX-007   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-012   DEER PARK IX  90526-NJHEX-008   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-012   DEER PARK IX  90526-NJHEX-009   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-012   DEER PARK IX  90526-NJHEX-010   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-012   DEER PARK IX  90526-NJHEX-011   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-012   DEER PARK IX  90526-NJHEX-011   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-013   DEER PARK IX  90526-NJHEX-013   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-015   DEER PARK IX  90526-NJHEX-013   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-015   DEER PARK IX  90526-NJHEX-013   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration 6HEX-015   DEER PARK IX  | 6HEX≠011   |                            | DEER PARK, TX  |  |  |
| 200526 NUMEX-004   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kilm Incineration  |  | KON KATURATU               |  | INC.   | Rotary Kiln Incineration                                       |
| 6HEX-076   DEER PARK TX  990526-NUHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-014   DEER PARK TX  990526-NUHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-013   DEER PARK TX  990526-NUHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-012   DEER PARK TX  990526-NUHEX-008 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-012   DEER PARK TX  990526-NUHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-012   DEER PARK TX  990526-NUHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-012   DEER PARK TX  990526-NUHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-012   DEER PARK TX  190526-NUHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-015   DEER PARK TX  190526-NUHEX-012 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-015   DEER PARK TX  190526-NUHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-015   DEER PARK TX  190526-NUHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation 6HEX-015   DEER PARK TX  190526-NUHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kith Incinenation  | SERVICE SERVIC |                            |  |  |  |
| 990526-NJHEX-005 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-014 DEER PARK IX 990526-NJHEX-006 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-013 DEER PARK IX 990526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 990526-NJHEX-008 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 990526-NJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 990526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 990526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 190526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-012 DEER PARK IX 190526-NJHEX-012 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-015 DEER PARK IX 190526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-015 DEER PARK IX 190526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-015 DEER PARK IX 190526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC. Rotary Kilm Incineration 6HEX-015 DEER PARK IX  |  |                            |  | INC.   | Rotany Kilm Incineration                                       |
| 6HEX-014 DEER PARK IX  90526-NJHEX-006 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-007 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-008 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  6HEX-012 DEER PARK IX  90526-NJHEX-009 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-010 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-011 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-012 DEER PARK IX  90526-NJHEX-012 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  90526-NJHEX-015 DEER PARK IX  90526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  80526-NJHEX-015 DEER PARK IX  90526-NJHEX-013 06/21/99 SAFETY-KLEEN (DEER PARK), INC.  80526-NJHEX-015 DEER PARK IX  90526-NJHEX-015 DEER PARK IX  |  |                            |  |  |  |
| P00526-NJHEX-006   06/21/99   SAFETY-KLEEN (DEER PARK), INC.   Rotary Kith Incineration  | AND THE REST OF STREET   | 106/21/99                  |  | INC.   | Rotary Killy Incineration                                      |
| DEER PARK   TX   DEER   |  | 0//21/00                   |  |  |  |
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# HAZARDOUS MATERIALS WASTE DISPOSAL

SAFETY KLEEN (IS), INC.
3527 WHISKEY BOTTOM ROAD
(EAUREL MD 20724)

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| has been disposed of   | in accordance with all applicable  | local, state and federal | regulations in the following manner.   |
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#### APPENDIX I

Sections of Killam's 15 May 1993 Progress Report with an item-by-item response to NJDEP's 4 May 1993 letter (NJDEP letter included)





Mr. Joe Novak May 15, 1993 Page Three

NJPDES Discharge to Groundwater Permit

No additional work was performed relevant to the NJPDES DGW Permit during the month of April.

NJPDES Discharge to Surface Water Permit

No additional work was performed relevant to the NJPDES DSW Permit during the month of April.

TWA Sewer Connection Permit

Hexcel is currently finalizing the TWA Sewer Connection Permit application. A letter was sent to the Borough of Lodi requesting access to Main Street for the installation of the sewerline on March 26, 1993. Approval for access to the street was granted. On May 3, 1993, Hexcel sent the finalized CP-1 form to the Borough of Lodi. Hexcel is currently awaiting approval from the Borough of Lodi.

Stream Encroachment Permit

A Stream Encroachment Permit is required to install the sewerline connection since the Hexcel facility is located in a flood plain. This permit application is finalized and is expected to be submitted at the end of this month.

NJPDES SIU Permit

In a letter dated April 30, 1993 from the NJDEPE, Wastewater Facilities Regulation Program to the Hexcel Corporation, NJPDES/SIU Permit No. NJ0081507 has been terminated effective June 1, 1993 in accordance with the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A), which were promulgated pursuant to the authority of the New Jersey "Water Pollution Control Act" (N.J.S.A. 58:10a-1 et. seq.). A copy of this letter can be found in Appendix C of this report.



#### G. RESPONSE TO MAY 4, 1993 LETTER FROM THE NJDEPE

Killam, on behalf of Hexcel, offers the following response to the NJDEPE letter dated May 4, 1993. For clarity of discussion, the item numbers in the NJDEPE letter are referenced below.

## I. <u>JANUARY 26, 1993 SUMMARY OF SOILS INVESTIGATION AND CONCEPTUAL</u> CLEANUP PLAN PROPOSAL

The Department has expressed concern over the length of time proposed for the submittal of a final soil remediation plan. A revised time schedule, containing a detailed breakdown of tasks, has been requested by the Department and will be provided in the report due on or before June 15, 1993.

Hexcel would like to take this opportunity to highlight a number of issues related to soil cleanup at this site. As the NJDEPE is aware, the most significant issues



Mr. Joe Novak May 18, 1993 Page Four

associated with this case are related to groundwater, most notably the presence of Dense Non-Aqueous Phase Liquids (DNAPLs) and Light Non-Aqueous Phase Liquids (LNAPLs). The LNAPL and DNAPL product is present in the saturated soils, and has been noted to accumulate in selected monitoring wells. Efforts to recover these free phase liquids from the subsurface are underway and will continue in the future. Hexcel considers this effort, along with the hydraulic control of contaminated groundwater in the shallow aquifer, to be uppermost on its agenda of remedial objectives and priorities. We believe these priorities to be in line with the Department's concerns. As the Department is aware, Hexcel has expended, and continues to expend, considerable time, effort and financial resources in achieving In contrast, the soil quality at the site does not present an immediate concern. In the areas where soils exceeding cleanup standards have been identified, asphalt pavement exists. As such, there is no direct contact, dermal, ingestion, or inhalation exposure risk associated with these soils. The soils which exhibit contaminant concentrations above cleanup standards are contaminated with volatile organics, and the standards exceeded in these soils are subsurface standards, which are based on the protection of potable groundwater resources. Not withstanding the fact that the affected aquifer is not a potable water use aquifer (an issue previously brought to the Department's attention), the threat to groundwater quality from unsaturated vadose zone soils is inconsequential given the presence of LNAPL and DNAPL product in the saturated zone. Furthermore, the contaminated soils are covered by asphalt, therefore the amount of infiltrating water which mobilizes contaminants into groundwater is negligible. considerations, we feel that a rational and balanced approach to site remediation undoubtedly places groundwater and free product issues at the head. While Hexcel is aware that the eventual remediation of these soils is desired by the Department, the commitment of financial resources has to be, by necessity, prioritized on the basis of human health and environmental risk. It is Hexcel's position that the contaminated soil presents a low human health and environmental risk, and that the schedule presented for the soils component of the cleanup plan is adequately responsive.

In response to the Department's comments regarding the remedial alternatives presented in the January, 1993 report, Hexcel offers the following observations. The Department's concerns regarding the implementability of the excavation and thermal desorption alternative are well taken. The Department states that the advantage offered by this alternative in terms of expediting cleanup time should be weighed against disruption of facility operations, delays associated with additional permitting, etc. These issues are the very factors that would inform the selection of the preferred cleanup alternative. To further add to this discussion, the limiting factors mentioned above would be considered in conjunction with the feasibility of other alternatives. In-situ soil vapor extraction (SVE), which was identified as the other potentially feasible technology, also has a number of limitations. As the Department is aware, the cleanup levels achieved by this technology are much less controllable than those achieved by thermal treatment.



Mr. Joe Novak May 15, 1993 Page Five

Hexcel is encouraged by the Department's recognition of the limitations of excavation/thermal treatment, and hopes that it will take into consideration the practical limits of the other feasible alternative, SVE technology, in approving site-specific cleanup levels to be achieved at this site.

Hexcel's plan for investigating the feasibility of SVE was detailed in the January, 1993 report. As the Department correctly observes, the application of Air Sparging technology (which is actively being considered to address dissolved groundwater contamination) requires that SVE be simultaneously applied, to withdraw the sparged contaminants from the subsurface in a controlled fashion. In Section 4.3.3 of the January, 1993 report, a description of the typical Air Sparging system was provided, which identified SVE as a necessary component of this technology. The Department has apparently misunderstood Hexcel's point with regard to applying SVE to soil contaminants only after groundwater Air Sparging is complete. As a clarification, an Air Sparging system would almost certainly include SVE, and both systems would be installed and operated at the same time. During this phase of the project, however, a significant reduction in soil contamination levels cannot be expected, because contaminants will continually be introduced to the vadose soil zone by the Air Only after the mass transfer from the saturated zone into Sparging system. unsaturated soils becomes negligible, can the SVE be expected to start extracting contaminants sorbed onto vadose zone soil particles and dissolved in soil pore water. Thus, the SVE soil cleanup phase (targeted to the reduction of contaminant levels in vadose zone soils), must follow the completion of groundwater Air Sparging/SVE.

As mentioned in the January 1993 report, the feasibility of applying Air Sparging/SVE will be investigated during a 12-month pilot test. Because groundwater pumping will draw the water table down to an extent and expose additional vadose zone soils to the effects of soil vapor extraction, initiation of this pilot test is most appropriate when hydraulic control of the shallow groundwater is achieved. The 12-month duration of the pilot test is considered necessary to ascertain the end point of effective soil and groundwater treatment. In this respect, the pilot test represents an application of the technology carried from start to finish, but on a much smaller physical scale than the actual system that would be required to address the entire affected area. Clearly, if the results of the pilot test are encouraging and a full scale Air Sparging/SVE system is proposed for groundwater, this will almost certainly control the selection of the preferred soil cleanup alternative. We must again reiterate, however, that the contaminant reduction achieved by SVE in soils may not meet the current NJDEPE cleanup standards in every location. We suggest that the Department review soil quality data obtained at the end of the SVE soil cleanup phase in conjunction with the achieved reduction in contaminant levels and reconsider the target soil cleanup levels at that time.

In regards to soil sampling location G-3, the proposed soil gas survey will include this location.



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A. AOC 9,10, and 11

No comment necessary.

#### B. AOC 5

The Department's comments regarding boring 508 are evidently based on a misunderstanding with respect to the area of concern that this boring was intended to address. The misunderstanding appears to stem from the December 23, 1991 letter (Please refer to Appendix D for a copy of this letter.) from the Department in which the following comments were made (Item B.1.b.iii):

"Area-5: The proposal to install a boring approximately 15 ft. north of the industrial sewer is unacceptable. Hexcel shall install a boring immediately adjacent to the industrial sewer in the location depicted on the attached site map...."

These comments were made in response to a letter dated August 9, 1991 from Hexcel (Please refer to Appendix E for a copy of this letter.) which described additional sampling activities. Please note that Hexcel did not propose any additional borings for Area-5. Furthermore, there are no industrial sewers in and around Area 5. We conjecture that the NJDEPE was actually referring to Area 6 and boring 613 (see figure attached to the Aug. 9 letter) in making these comments. Boring 613 was eventually installed by Heritage Remediation and Engineering (in response to the Department's comments in Item B.1.b.iv) in Area 6. There is no mention of boring 508 in the August 9, 1991 letter. Boring 508 was installed by Heritage at a later date in Area 5, probably in compliance with a verbal request from the Department during the March 17, 1992 meeting.

In regards to the PHC result for sample 508-004A, this result was submitted in the May 1992 Monthly Progress Report (Attachment A, Vol. 2, pg. 5). In regards to VO+15 analysis for samples taken at boring 508, contrary to the Department's understanding, Heritage did not report that this analysis was performed (please refer to the Chain of Custody sheets and Table 4 in the May 1992 Monthly Project Status report).

Boring 508 in Area 5 did not reveal contamination above cleanup standards. Area of Concern 6, Area of Concern 7, and portions of Area of Concern 13 have been combined into remedial Area 3 (Figure 14 of the February 1993 report). An adequate number of samples have been obtained to provide the estimated limits of this affected area. Additional refined delineation has been proposed in the form of a soil gas survey. Post-remediation confirmatory soil samples will be collected after the soil cleanup phase is completed. Hexcel does not consider any additional delineation sampling to be warranted at this time and does not propose same.

C. AOC 7: Gasoline Underground Storage Tank Northeast of Bldg. 6

The information requested by the Department has already been submitted by Heritage in the December 1991 Monthly Project Status Report.



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#### D. AOC 13

As mentioned before, Area of Concern 6, Area of Concern 7, and portions of Area of Concern 13 have been combined into Remedial Area 3 (Figure 14 of the February 1993 report). An adequate number of samples have been obtained to provide the estimated limits of this affected area. Additional refined delineation has been proposed in the form of a soil gas survey. The soil gas survey results will also be utilized to assess potential migration of free product along the sewer lines. Post-remediation confirmatory soil samples will be collected after the soil cleanup phase is completed. Hexcel does not consider that boring 1304 is warranted at this time and does not propose same.

#### E. Storm Sewer Outfall

The sampling will be completed and the results will be reported in the July 1993 progress report.

#### II. MARCH 1, 1993 CORRESPONDENCE

- A. In regard to the installation of a bedrock monitoring well at the location of MW-1, Killam, on behalf of Hexcel, has previously communicated to the Department our most serious reservations regarding the potential of a deep well in this location to provide a vertical pathway for contamination to move into the deeper stratum. We take this opportunity to repeat our reservations once again for the record regarding the installation of a bedrock well in this location. In light of the serious concerns to all parties concerned in this matter, we request a meeting with the Department to discuss this issue. Killam will be available to meet with the Department at your earliest convenience. Please also refer to our comment in Section II. E.
- B. No comment necessary.
- C. The seven wells that are equipped with pumps are CW-3, CW-5, CW-9, CW-11, CW-15, CW-19 and CW-21, as shown on drawings provided by both Heritage and Killam. Hexcel and Killam are not aware of any previous plans to install a pump in CW-18.
- D. Continuous operation of the DNAPL recovery system is not planned at this time because the amount of DNAPL in the discharge diminishes to zero within a few hours of continuous pumping. It is expected that frequent but discontinuous pumping of the DNAPL wells will yield the best results.
- E. Please note that the design capacity of the treatment system is 15 gpm not 15 gpd as stated in the Department's letter. Hexcel is cognizant of the NJDEPE's concern regarding the issue of recovery rates. As mentioned in previous communications, the hydraulic performance of the recovery system will be evaluated and the issue of permit discharge volume limits will be dealt with, if necessary, at the appropriate time.



Mr. Joe Novak May 15, 1993 Page Eight

On the same subject, the NJDEPE remarks "Also, recovery from the lower overburden and recovery from bedrock would constitute additional withdrawals." We must take this opportunity to repeat Hexcel's reservations regarding pumping of these two units. Hexcel has not proposed pumping of these two deeper hydraulic units. The primary consideration in not making this recommendation is the fact that reducing pressure in these two relatively cleaner hydraulic units is likely to induce vertical downward flow of contaminated groundwater through the aquitard, from the contaminated upper overburden aquifer to the lower overburden and bedrock units. In this situation, groundwater pumping may not be an appropriate response, and in fact may seriously aggravate the situation. These issues will be discussed further when the hydraulic performance of the recovery system is evaluated. It is important, however, for the Department to take note of this issue at this time.

#### III. GENERAL COMMENTS

- A. Please refer to Section II., A. for this discussion.
- B. No comment necessary.
- C. No comment necessary.

In closing, Killam requests that a meeting be scheduled between the Department and Killam personnel. Please contact Killam at your earliest convenience with a date and time for the meeting. If you have any questions or comments regarding this report, please do not hesitate to contact me at (201) 912-2489.

Very truly yours,

KILLAM ASSOCIATES

Gary K. Walker

Senior Project Scientist

cc: A. William Nosil, Hexcel Corporation James Higdon, Fine Organics Lisa Bromberg, Esq. Essam Saleh, Hexcel Corporation



# State of New Jersey Department of Environmental Protection and Energy

Division of Responsible Party Site Remediation CN 028 Trenton, NJ 08625-0028

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Karl J. Delaney Director

MAY 4 - 1993

### CERTIFIED MAIL RETURN RECEIPT REQUESTED

Edward A. Hogan, Esq. Porzio, Bromberg & Newman 163 Madison Avenue Morristown, NJ 07960

Re: Hexcel Corporation
Lodi Borough, Bergen County
ECRA Case # 86009

Dear Mr. Hogan:

This is in response to the January 26, 1993 Summary of Soils Investigation and Conceptual Cleanup Plan Proposal and the March 1, 1993 correspondence submitted by Killam Associates on behalf of Hexcel Corporation (Hexcel) for the above referenced site.

The New Jersey Department of Environmental Protection and Energy (NJDEPE) has reviewed these submittals and has the following comments. Hexcel shall submit the all information requested in items I., II. and III.A. below to this office along with the Progress Report due on or before June 15, 1993.

The current NJDEPE general guidance on contaminant cleanup levels can be found in the "Cleanup Standards for Contaminated Sites" which appeared in the February 3, 1992 New Jersey Register. This rule proposal can be used as quidance to help you determine: what concentration of contaminants need to be present at a site to consider the site contaminated; which areas of environmental concern need additional investigation; and, the concentration of a contaminant allowed to remain for a site to be considered "clean". It must be remembered, however, that the actual cleanup goal at a particular site is determined by the NJDEPE on a case-by-case basis and may be different than that in the above referenced rule proposal. This variation may be due to many factors, including, site specific human health and environmental exposure pathways, the presence of site contaminants not addressed in the rule proposal, and site specific physical characteristics. In case specific situations, when a cleanup level is modified from one previously established for that specific site, the NJDEPE will make every effort to expeditiously notify the responsible party. Please consult your case manager to discuss any modifications which may impact your remedial actions.

If the person conducting a cleanup does not wish to remediate a contaminated site consistent with the guidance, they shall submit a proposal to their NJDEPE case manager that details the site specific circumstances and technical rationale for cleanup goals on a case-by-case basis.

Please note that the referenced guidance has been supplemented by the adoption of the Ground Water Quality Standards (N.J.A.C. 7:9-6) which appeared in the February 1, 1993 New Jersey Register. This rule adoption may impact requirements for ground water remediation and soil cleanup (i.e. where the soil may contribute contaminants to the ground water above the applicable standards) for a particular site and should be referenced and discussed with your case manager.

Please be advised that several compound cleanup concentrations have changed since February 3, 1993, due to new information that has become available. Enclosed is the current NJDEPE health based guidance levels to be applied to the site.

### I. JANUARY 26, 1993 SUMMARY OF SOILS INVESTIGATIONS AND CONCEPTUAL CLEANUP PLAN PROPOSAL

In general, the delineation of contamination presented in this report is acceptable. The NJDEPE is concerned with the length of time, 30 months, until the final design for soil remediation is determined. This time frame appears excessive. To be sure that the projected 30 months is absolutely necessary, Hexcel shall submit a revised time schedule indicated a detailed breakdown of the anticipated work.

The report identifies soil vapor extraction (SVE) and ex-situ thermal desorption as remedial alternatives to be evaluated. SVE and air sparging are proven remedies for the soil and ground water contaminants of concern at this site. If SVE/air sparging is selected as the remedial option for soil, Hexcel intends to perform air sparging to completion before initiating SVE. The NJDEPE recommends that if air sparging were performed, it would be appropriate to perform SVE at the same time, so that the contaminants removed from the saturated zone and released to the unsaturated zone would not re-contaminate the saturated zone upon water table fluctuation and create a vapor problem in the adjacent buildings.

Hexcel states that total petroleum hydrocarbon (TPHC) contamination is not amenable to remediation by SVE and that limited areas of TPHC contamination may need to be excavated. TPHC may not be vapor strips, but the introduction of air into the subsurface has been shown to stimulate biodegradation of TPHC contamination.

Hexcel rules out the excavation and off-site disposal of soils, in part due to the costs and potential land ban restrictions involved, but, also due to impediments to excavation, such as underground utilities and building foundations. Consideration will be given to excavating soils for on-site thermal desorption, however, it is expected that the same impediments to excavation apply to this alternative as well. This alternative is viewed as potentially feasible in areas where soils can be easily excavated.

The excavation and thermal desorption alternative should not be considered unless the volume of easily accessible soils is such that overall site remediation will be significantly expedited. Any such reduction in time should be weighed against the disruption of facility operations, costs and delays of additional permitting, additional monitoring requirements and health and safety considerations. Hexcel shall submit a review of these considerations in the Progress Report due on or before June 15, 1993.

Hexcel proposes to complete a soil gas survey to refine the boundaries of the areas slated for remediation: Area 1, which merges original areas of concern (AOC) 1, 2 and 5; Area 2, which merges original AOC 3 and 4; and Area 3, which merges original AOC 6 with portions of original AOC 7 and 13.

On page 17 of the report, Hexcel proposes to merge original AOC 8, 13 and 14 due to their proximity and states that data point 801 will be further delineated via the soil gas survey. In the soils west of Bldg. 5 (no AOC designation), data point G-3 exceeds the current NJDEPE subsurface soil cleanup guidance levels for methylene chloride and tetrachloroethylene (PCE). On page 24, the report states that "a soil gas survey will be performed in the areas surrounding (remedial) Areas 1, 2 and 3"; however, this does not appear to include data points 801 and G-3. Hexcel shall provide clarification of this apparent omission. In addition, Hexcel shall refer to the enclosed Data Quality Objectives for Site Investigations for guidance.

#### A. AOC 9, 10 and 11

A review of the sample results to the current NJDEPE non-residential direct contact soil and the impact to ground water guidance levels. Therefore, the NJDEPE accepts the proposal for no further action for these AOC.

#### B. AOC 5

Prior to the NJDEPE accepting the proposal to limit further action to the portion of original AOC 5 (merged into remedial AOC 1), Hexcel shall provide clarification on the following.

Hexcel previously reported the completion of boring 508 in this AOC. This boring location may have addressed the previous NJDEPE recommendation for a boring immediately adjacent to the industrial sewer, although the sewer was not depicted on the accompanying Figure 3, nor was the invert depth of the sewer provided. The NJDEPE had recommended that the boring be advanced and field screened, and, if field readings greater than those previously identified in H/S-2 were detected, a sample should be secured from the interval(s) beneath the pipe invert exhibiting the highest reading(s) for volatile organic compounds (VOC) analyses.

The submitted boring logs indicated field screening results of 2661, 2580 and 3195 (units not specified) at 2.5-3 feet, 4.5-5 feet and 6.5-7 feet below ground surface (bgs), respectively. Field observations of strong odors and an oil-like substance were noted on the log. It was reported in the April, 1992 submittal that a sample was collected at 6-8 feet for VOC laboratory analyses, as required, however, no such sample was found in the data packages accompanying that or subsequent current submittals. The chain of custody indicates that sample 508-004A was submitted for TPHC analysis, however, this result could not be located. It appears that another sample, 508-004, was submitted under separate chain of custody for polychlorinated biphenyl (PCB), TPHC and gas chromatography (GC) fingerprint analyses (Appendix D of the report). TPHC was reported at 926 parts per million (ppm) and PCB were non-detect; the laboratory reported that the peak patterns for the sample were compared to known standards and found not to match any of them.

The original requirement to advance and field screen a boring at this location and to collect a sample from the interval(s) beneath the pipe invert exhibiting the highest reading(s) for VOC analyses, remains outstanding. The pipe invert depth was to be reported, but was not. This

information was required to determine if the industrial sewer line is, or was, a source of soil or ground water contamination. This remains unclear, although, based upon the information available thus far, it appears that this pipe is a contaminant source. Hexcel shall provide clarification on this issue.

C. AOC 7: Gasoline Underground Storage Tank Northeast of Bldg. 6

Hexcel did not address the required evaluation of contaminant migration along the sewer line, as required in the NJDEPE March 5, 1992 letter. Hexcel was required, in the Department's December 23, 1991, to provide an accurate description of the collection of post-excavation samples to include: depths bgs at which post-excavation samples were collected, tank and sewer line inverts and depth to ground water, which would provide some indication of the depth and thickness of the contaminated vadose zone soils. Hexcel shall evaluate and incorporate, as appropriate, this data into the proposed remedial investigation.

#### D. AOC 13

Before approving no further action for this area, Hexcel shall install a boring, 1304, on the building side of manhole M1, as previously required by the NJDEPE. A sample shall be collected from this boring approximately 2 feet bgs for TPHC, VOC and PCB analyses and a sample shall be collected at the top of the clay for TPHC and PCB analyses. Hexcel shall indicate the time frames for collection of these samples, including submittal of results to this office, on the revised time schedule.

#### E. Storm Sewer Outfall

While not a soil area of concern per se, it should be noted that Hexcel has yet to collect sediment samples from this outfall, as required in the NJDEPE Cleanup Plan Approval letter. Therefore, Hexcel shall address this area in the revised time schedule.

#### II. MARCH 1, 1993 CORRESPONDENCE

The NJDEPE has reviewed this correspondence and finds the Hexcel comments acceptable with the following exceptions.

A. Hexcel proposes that the requirement of a bedrock well in the area of MW-1 be deferred until contaminant levels in the area of MW-1 have been reduced. Hexcel believes the deferral is appropriate because the bedrock well would have no bearing on the proposed remedial strategy and such a well might create a vertical pathway for downward contaminant migration. The pumping of a deep well might draw contamination from the overburden into the rock.

The NJDEPE acknowledges the Eexcel concern about introducing contamination to the bedrock aquifer. However, investigation of the bedrock aquifer was required because the NJDEPE is concerned that contamination might be present at concentrations that warrant hydraulic control. The NJDEPE believes that these two concerns are of equal importance and that deferral of the bedrock investigation would not be the best approach. Therefore, Hexcel shall submit an alternative proposal for assessment of bedrock aquifer ground water contamination at this time.

- B. Hexcel notes that MW-3 is a lower overburden well located downgradient of MW-1. The location of MW-3 varies between downgradient and sidegradient of MW-1 (refer to the April, 1992 lower overburden contour map). The distance between MW-1 and MW-3 is roughly 175 feet. Detailed delineation downgradient of MW-1 is necessary to define the area of groundwater contamination that required capture and to provide a compliance point for the required capture zone. This issue may be deferred until after the results of the sampling required in the NJDEPE letter of January 19, 1993 are available.
- C. Hexcel states that CW-18 is accessible for ground water level monitoring, however, CW-3, CW-5, CW-9, CW-11 and CW-15 are equipped with pumps and are inaccessible, therefore, ground water level monitoring can not occur in these wells.

The Hexcel response is acceptable. The NJDEPE had recommended that the ground water recovery wells be included in the water level monitoring program to help demonstrate hydraulic capture when the system is in operation. In the future, when assessing ground water flow direction under pumping conditions, accommodations shall be made for the lack of water level measurements from these wells.

In addition, according to NJDEPE records, CW-18 is one of the seven control wells that is to be pumped as part of the ground water recovery system. Hexcel shall clarify why CW-18 is not equipped with a pump. Also, Hexcel shall verify that CW-21 is equipped with a pump.

D. The NJDEPE had not questioned the Hexcel desire to move forward with the ground water remediation program. The NJDEPE clarifies that its concern was not the cessation of the dense non-aqueous phase liquid (DNAPL) recovery that was prompted by expiration of the Hexcel approval to discharge under Fine Organics' sewer connection permit. Rather, the NJDEPE was concerned about the frequency at which Hexcel apparently intended to operate the DNAPL recovery system in the long-term, under its own sewer connection permit.

The DNAPL recovery system was originally designed to operate automatically, and on a continuous basis, to recover DNAPL as it entered the two DNAPL recovery wells, RW7-1 and RW7-5. When operation of the DNAPL recovery system on an automatic basis was not successful, system operation was reduced to manual operation for several hours a month, under the supervision of field personnel. The NJDEPE was concerned that such a frequency of operation was not sufficiently aggressive.

Hexcel has indirectly responded to this concern by stating that the system will be operated at rates and frequencies that will yield optimum DNAPL recovery, and that a formal protocol for operation of these pumps will be put into place in the future. The NJDEPE acknowledges that modification of the system will required field experimentation, but, at this time, Hexcel shall confirm whether continuous operation of the DNAPL system is planned. Also, the Hexcel proposal to equip MW-8 with a DNAPL recovery pump is acceptable.

E. The NJDEPE notes that Hexcel plans to assess contaminant removal efficiency of the treatment system at its design capacity of 15 gallons per day (gpd) and to make necessary modifications to the treatment system and/or permit volume as required. The NJDEPE takes this opportunity to present its concerns regarding ground water recovery rates at the site and how they relate to the permitted discharge rates.

According to the original control-well recovery plan, sufficient hydraulic control of the upper overburden could be maintained by pumping from seven control wells at a combined rate of 13,000 gpd. This estimated, necessary rate, was later reduced to 10,000 gpd and is the recovery rate the NJDEPE assumes will be required. This 10,000 gpd does not include ground water associated with light non-aqueous phase liquid (LNAPL) recovery, ground water associated with the DNAPL recovery, nor basement seepage. Also, recovery from the lower overburden and recovery from bedrock would constitute additional withdrawals.

The sewer connection permit, the Significant Industrial User (SIU) permit and the air monitoring permit impose ground water discharge rate limits. Apparently, the air permit imposes the most restrictive discharge limit of roughly 6,300 gpd. The treatment system capacity is relatively large, but might be effectively reduced if the influent was passed through the system more than once. The NJDEPE is concerned that the rate of ground water cleanup will be hindered by these discharge limits. Hexcel shall present a discussion of this issue.

#### III. GENERAL COMMENTS

- A. The NJDEPE has reviewed the revised time schedule for ground water investigation/remediation submitted in the March 1, 1993 correspondence and finds it conditionally acceptable. Hexcel shall submit a revised time schedule to this office which includes the time frames for the bedrock ground water investigation.
- B. Hexcel shall perform all sampling procedures in accordance with the protocol outlined in the May 1992 edition of the "NJDEPE Field Sampling Procedures Manual".
- C. Hexcel shall notify the case manager at least 14 calendar prior to the initiation of any remedial activities so that a representative from the NJDEPE may be present.

If you have any questions regarding this letter, please contact the Case Manager, Kathleen M. Katz, at (609) 633-7141.

Sincerely,

Tessie W. Fields, Section Chief Bureau of Environmental Evaluation and Cleanup Responsibility Assessment

[ENCLOSURES]
: Michael McCann, BEERA

Beverly Phillips, BGWPA
William Nosil, Hexcel Corporation
William Hoehlein, Killman Associates
James Higdon, FOA Corporation

#### APPENDIX J

An item-by-item response to the NJDEP's 26 October 1993 letter (NJDEP letter included)



#### ITEM-BY-ITEM RESPONSE TO NJDEP'S 26 OCTOBER 1993 LETTER

#### I Soil Conditions

#### Soil Sampling Location at G-3

1. Location G-3 was re-sampled on 13 May 2002. The sampling results will be provided in a future correspondence.

#### AEC-5

As requested by the NJDEP, the sewer lines indicated by the historical AEC-5 will be investigated during the industrial sewer investigation activities.
 Additionally, boring location 508 will be targeted for post-remediation soil sampling following 2-Phase Extraction implementation in this area.

#### AEC-7

3. Historical AEC 7 is encompassed in Remediation Area 4 and will be targeted for 2-Phase Extraction. Additionally, the industrial sewer investigation activities will provide the information required by the NJDEP, specifically, the evaluation of potential for contaminants to migrate along the sewer line and the depth of the sewer line. Hexcel believes that a direct investigation using test pits and collection of soil and sediment samples will be more useful than a soil gas survey.

#### AEC-13

4. The required soil boring on the building side of manhole M1 will be conducted during the additional delineation activities. Specifically, a soil boring will be completed between M1 and the former building. Soil samples will be collected for volatile organics and PCB analysis based on field screening.

#### Revised Soils Remediation Time Schedule

5. 2-Phase extraction will target both soils and groundwater for remediation, as detailed in the November 1999 Remedial Action Workplan Addendum and approved in NJDEP's 20 November 2001 letter.

#### II Ground Water

- 6. NJDEP, in its 20 November 2001 letter, has approved the proposal to install a bedrock well in the vicinity of MW-1 and MW-17 after the 2-Phase extraction remediation in this area is completed.
- 7. Not applicable presently because automated recovery of DNAPL is not planned. NJDEP has approved Hexcel's remediation plan for 2-Phase Extraction for source area removal. Furthermore, CW-3 has not indicated presence of DNAPL.



- 8. Hexcel continues to perform the NJDEP-approved interim product recovery plan.
- 9. Manual recovery of DNAPL is conducted at MW-8 when recoverable amount is indicated.
- 10. CW-17 is included in the monitoring program in accordance with the NJDEP's 12 June 1995 and 23 May 1996 approvals of the Groundwater/LNAPL/DNAPL Monitoring and Product Recovery plans.
- 11. NJDEP, in its 20 November 2001 letter, agreed that further investigation of groundwater quality across the Saddle River from the Hexcel site was not required at this time based on the results of soil sampling conducted in the stream.
- 12. A schedule was provided in the 24 January 2002 letter to the NJDEP.

#### **III** General Comments

- Hexcel was not submitting quarterly progress reports during the RAWA review period (November 1999 to November 2001). A schedule for submission of progress reports will be provided upon the commencement of the 2-Phase extraction remediation.
- 14. No response required.

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### State of New Jersey Department of Environmental Protection and Energy

Division of Responsible Party Site Remediation CN 028 Trenton, NJ 08625-0028

e M. Fox 3 Commissioner

Karl J. Delaney
Director

OCT 26 1993

### CERTIFIED MAIL RETURN RECEIPT REQUESTED

Edward A. Hogan, Esq. Porzio, Bromberg & Newman 163 Madison Avenue Morristown, NJ 07960

RE: Hexcel Corporation
Lodi Borough, Bergen County
ISRA Case #86009

Dear Mr. Hogan:

This is to advise you that the New Jersey Department of Environmental Protection and Energy (NJDEPE) has completed a review of the progress reports dated May 15, 1993, June 15, 1993, July 15, 1993 and August 15, 1993. Based on the review, the NJDEPE's comments are referenced below.

#### I Soil Conditions

#### Soil Sampling Location G-3

1. The addition of soil sampling location G-3 into the soil gas survey is acceptable.

#### ACC 5

2. Hexcel Corporation's proposal to address AOC 5 (merged into remedial AOC1) via the proposed additional delineation in the form of a soil gas survey is acceptable with the following conditions. Hexcel Corporation shall include the industrial sewer and the area in the vicinity of boring 508 into remedial AOC 2 and due to the identification of product in boring 508 collect a post remedial confirmation sample at this location. Hexcel has stated that an industrial sewer does not exist in this area. It should be noted that this statement contradicts previous information which has been submitted to the NJDEPE regarding this AOC. Previous site maps including Heritage Plate 2, dated June 30, 1990 and a 1987 Environ Plate 2 entitled Drainage System Plan depict an industrial sewer of vitrified clay pipe emanating from beneath the Administration building.

#### AOC 7

3. Hexcel Corporation's proposal to merge this area into remedial AOC 3 and refine the boundaries of this AOC via the soil gas survey is acceptable with the following conditions. Hexcel Corporation shall evaluate the potential for contaminants to have migrated along the sewer line in the soil gas survey. In addition, Hexcel Corporation shall provide the depth of the sewer line from any survey point which is located along the sewer line.

#### AOC 13

4. Hexcel Corporation has proposed to merge a portion of this AOC into remedial AOC 3 and refine the boundaries of this AOC via the soil gas survey. Post remedial samples will be collected after the soil cleanup phase is completed. Hexcel Corporation contends this investigation is sufficient to address this AOC and thus does not propose to install boring 1304, on the building side of manhole M1. The NJDEPE finds this proposal unacceptable. The installation of the boring was required to evaluate the potential sources of contamination between the building and the manhole, into which periodic oily product seepage was previously reported. Due to the nature of the contamination in this area an excavation of the area appears to be a more effective method of determining the source of this material. The soil gas survey would not be effective if the contaminants in question are non-volatile. If no evidence of contamination (i.e. visual and field screening) is discovered during excavation, the collection of soil samples at boring 1304 may potentially be eliminated.

#### Revised Soils Remediation Time Schedule

5. The NJDEPE has reviewed the revised remediation time schedule included in the June 15, 1993 progress report and has found it to be acceptable provided that the work be conducted concurrently with the ground water remedial investigations\actions.

#### II Ground Water

- 6. NJDEPE acknowledges Hexcel Corporation's request for a meeting to discuss the required bedrock ground water investigation in the area of MW1 and MW17. Hexcel Corporation shall submit an agenda for the meeting and contact the case manager to schedule a time and date for the meeting.
- 7. Hexcel Corporation shall indicate whether CW3 was equipped with a pump as had been previously proposed.
- 8. In the NJDEPE's letter dated January 19, 1993, the NJDEPE conditionally approved Hexcel Corporation's DNAPL monitoring and recovery proposal. The approval called for operation of RW7-1, RW7-5 and MW8 as the DNAPL recovery system and for manual pumping of DNAPL at other wells as needed. The NJDEPE understood that Hexcel Corporation would not initiate this DNAPL recovery program until Hexcel Corporation had a permanent discharge point in place.

The NJDEPE has since reviewed the DNAPL measurements submitted in the March, 1993 and June, 1993 monthly progress reports. DNAPL thickness in wells MW6 and MW8 has remained at 1 foot or greater while DNAPL thickness at well CW16 has measured over 2 feet. The NJDEPE, upon re-evaluation has concurred that the DNAPL recovery should be performed immediately and should not be deferred

until a permanent ground water discharge point is in place. Hexcel Corporation shall either implement the approved DNAPL recovery plan immediately and dispose of recovered ground water off-site, or shall submit an alternate, interim, DNAPL recovery proposal.

The NJDEPE is also concerned that the pumping of DNAPL at the DNAPL recovery well may not be sufficient to control the discharge of DNAPL to the Saddle River or the migration of DNAPL under the stream, whichever may be occurring. This issue was previously raised with Hexcel Corporation in earlier discussions with the NJDEPE accepting Hexcel Corporation's response that the clay surface, which appears to slope downward from the Saddle River to the MW6 area, was preventing migration of DNAPL toward Saddle River. Upon review of the DNAPL monitoring data and re-evaluation of the issue, the NJDEPE believes that this might not be the case. The NJDEPE believes that the only way to successfully control the DNAPL is to install a barrier, such as sheet piling, along the river into the clay. Such a barrier might also enhance recovery of DNAPL and the dissolved contaminant plume. Hexcel Corporation shall submit an evaluation of this issue.

- 9. Hexcel Corporation shall indicate whether MW8 has been connected to the RW7-1/RW7-5 DNAPL recovery system.
- 10. The DNAPL data tables submitted in the March 1993 and June 1993, monthly progress reports indicate that CW17 has not been included in the DNAPL monitoring as required in the NJDEPE's letter dated January 19, 1993. Hexcel shall include CW17 in future DNAPL monitoring.
- 11. Hexcel Corporation has stated their inability to gain access to the Academy Auto Recyclers, Inc. property for the installation of a shallow overburden monitoring well on the opposite side of the Saddle River. Hexcel Corporation shall evaluate if any other locations can be utilized for the installation of this monitoring well. Hexcel Corporation shall submit a site map which depicts the Hexcel Corporation site, the Saddle River and all properties located across the Saddle River from the site.
- 12. Hexcel Corporation shall submit a revised time schedule for the ground water investigation\remediation which includes all the items requested as referenced above.

#### III General Comments

- 13. Please be advised, that after fulfilling the requirements of this letter in the next monthly progress report, Hexcel Corporation is longer required to submit monthly progress reports. After the submission of the next monthly progress report, Hexcel Corporation shall submit progress reports on a quarterly basis. Hexcel Corporation shall submit progress reports in the months of January, April, July and October to document the site activities for the previous quarter.
- 14. Hexcel Corporation shall notify the case manager at least 14 calendar days prior to initiation of any remedial activities on site.

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Please be advised that the NJDEPE is currently reviewing the monthly progress report dated September 17, 1993.

Attached is a Dispute Resolution Guidance document, created pursuant to P.L. 1993, c.139. This document establishes the procedure through which a person conducting a remediation of a contaminated site with NJDEPE oversight may dispute a NJDEPE decision concerning the remediation.

If you have any questions regarding this matter, please contact the Case Manager, Joseph J. Nowak, at 609-633-7141.

Sincerely,

Douglas Stuart, Chief

Bureau of Environmental Evaluation and Cleanup Responsibility Assessment

c: Michael McCann, BEERA
Beverly Phillips, BGWPA
William Nosil, Hexcel Corporation
William Hoehlein, Killam Associates
James Higdon, FOA Corporation

#### APPENDIX K

#### Groundwater Elevation/DNAPL/LNAPL Monitoring Data (From Third Quarter 1999 till April 2002)

- Figure 7: Shallow Groundwater Elevation Contours on 4/12/02
- Figure 8: Deep Groundwater Elevation Contours on 4/12/02
- Quarterly, Monthly, and Product Recovery Tables



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FIGURE 7

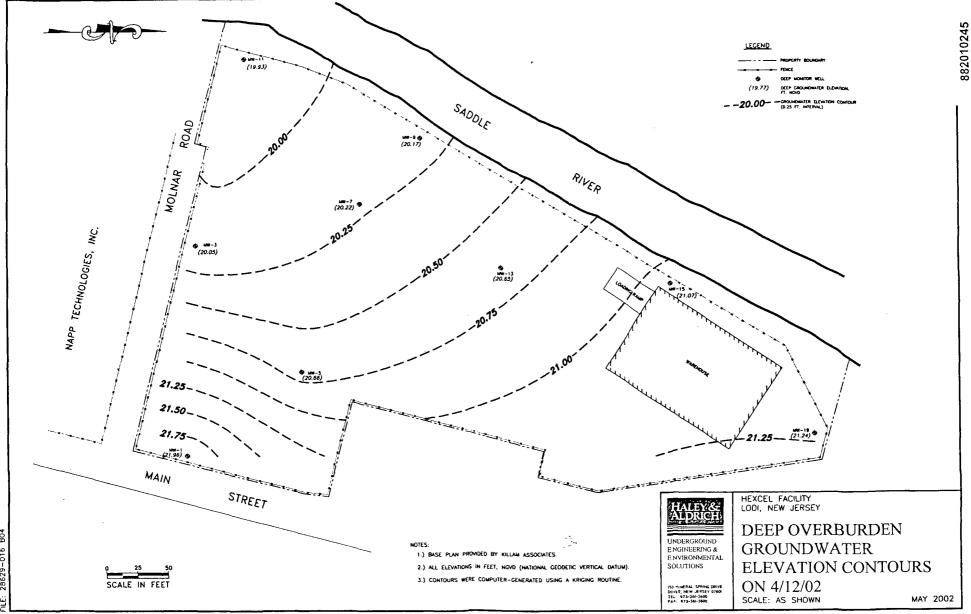


FIGURE 8

# DNAPL PRODUCT COLLECTION HEXCEL FACILITY LODI, NEW JERSEY

| MW-6 DNAPL Product Recovery (gallons)         MW-6 DAPL Product Recovery (gallons)           Date         MW-6         Date         MW-6           8/2/1999         0.1         7/31/2001         0.3           8/13/1999         0.1         8/6/2001         0.2           8/20/1999         0.1         8/13/2001         0.2           9/21/1999         0.1         8/28/2001         0.2           9/21/1999         0.1         8/28/2001         0.2           10/4/1999         0.2         9/10/2001         0.2           11/4/1999         0.2         9/16/2001         0.2           11/19/1999         0.1         9/25/2001         0.2           11/19/1999         0.1         9/25/2001         0.2           11/19/1999         0.1         10/2/2001         0.2           11/19/1999         0.1         10/2/2001         0.1           11/24/1999         0.1         10/9/2001         0.1           11/24/1999         0.1         10/9/2001         0.1           4/4/2000         0.5         10/18/2001         0.1           4/12/2000         0.2         10/25/2001         0.1           4/26/2000         0.1         11/9/2001< |
|--|
| 8/2/1999       0.1       7/31/2001       0.3         8/13/1999       0.1       8/6/2001       0.2         8/20/1999       0.1       8/13/2001       0.2         9/9/1999       0.1       8/21/2001       0.2         9/21/1999       0.1       8/28/2001       0.2         10/29/1999       0.2       9/4/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/11/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/26/2000       0.1       10/25/2001       0.1         4/26/2000       0.1       11/9/2001       0.1         5/2/2000       0.4       11/19/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 8/13/1999       0.1       8/6/2001       0.2         8/20/1999       0.1       8/13/2001       0.2         9/9/1999       0.1       8/21/2001       0.2         9/21/1999       0.1       8/28/2001       0.2         10/4/1999       0.2       9/4/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/19/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/26/2000       0.1       10/25/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/19/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 8/20/1999       0.1       8/13/2001       0.2         9/9/1999       0.1       8/21/2001       0.2         9/21/1999       0.1       8/28/2001       0.2         10/4/1999       0.2       9/4/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/19/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/26/2000       0.1       10/25/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 9/9/1999       0.1       8/21/2001       0.2         9/21/1999       0.2       9/4/2001       0.2         10/29/1999       0.25       9/10/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/19/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         4/26/2000       0.1       11/9/2001       0.1         5/2/2000       0.4       11/19/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 9/21/1999       0.1       8/28/2001       0.2         10/4/1999       0.2       9/4/2001       0.2         10/29/1999       0.25       9/10/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 10/4/1999       0.2       9/4/2001       0.2         10/29/1999       0.25       9/10/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/11/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 10/29/1999       0.25       9/10/2001       0.2         11/4/1999       0.2       9/16/2001       0.2         11/11/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 11/4/1999       0.2       9/16/2001       0.2         11/11/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 11/11/1999       0.1       9/25/2001       0.2         11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 11/19/1999       0.1       10/2/2001       0.1         11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 11/24/1999       0.1       10/5/2001       0.1         3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 3/29/2000       0.7       10/9/2001       0.1         4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 4/4/2000       0.5       10/18/2001       0.1         4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 4/12/2000       0.2       10/25/2001       0.1         4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 4/26/2000       0.1       10/29/2001       0.1         5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 5/2/2000       0.1       11/9/2001       0.1         6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 6/22/2000       0.4       11/16/2001       0.1         7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1   |
| 7/6/2000       0.3       11/26/2001       0.1         7/10/2000       0.3       12/5/2001       0.1  |
| 7/10/2000 0.3 12/5/2001 0.1  |
|  |
| 9/1/2000 0.5 12/10/2001 0.1  |
| 9/14/2000 0.0 12/17/2001 0.1   |
| 9/20/2000 0.3 12/26/2001 0.1   |
| 9/29/2000 0.0 1/2/2002 0.1   |
| 10/3/2000 0.0 1/10/2002 0.1  |
| 10/9/2000 0.3 1/17/2002 0.1  |
| 10/20/2000 0.1 1/21/2002 0.1   |
| 10/24/2000 0.0 1/28/2002 0.1   |
| 11/1/2000 0.0 2/4/2002 0.1   |
| 11/10/2000 0.3 2/11/2002 0.0   |
| 11/15/2000 0.1 2/18/2002 0.0   |
| 11/22/2000 0.0 2/25/2002 0.0   |
| 12/4/2000 0.2 3/4/2002 0.1   |
| 12/13/2000 0.0 3/11/2002 0.1   |
| 12/21/2000 0.1 3/19/2002 0.1   |
| 12/29/2000 0.1 3/27/2002 0.1   |
| 1/3/2001 0.0 4/1/2002 0.1  |
| 1/16/2001 0.1 4/12/2002 0.1  |
| 1/23/2000 0.0 4/16/2002 0.1  |
| 2/8/2001 0.1 4/23/2002 0.0   |
| 2/15/2001 0.0 5/1/2002 0.1   |
| 2/27/2001 0.0 5/7/2002 0.0   |
| 7/25/2001 0.2 Total Volume = 10.4  |

# 882010247

#### DNAPL PRODUCT COLLECTION HEXCEL FACILITY LODI, NEW JERSEY

| CW-16 DNAPL F       | Product Recovery (gallons) | RW7-3 DNAF    | PL Product | Recovery (gallons) | RW6-1 DNA     | PL Produc | t Recovery (gallons) |
|---------------------|----------------------------|---------------|------------|--------------------|---------------|-----------|----------------------|
| Date                | CW-16                      | Date          | RW7-3      |                    | Date          | RW6-1     |                      |
| 10/29/1999          | 2.1                        | 10/28/1999    | 0.1        |                    | 4/19/2000     | 0.4       |                      |
| 11/11/1999          | 0.3                        | 11/4/1999     | 0.1        | 4                  | Total Volume= | 0.4       |                      |
| 11/24 <i>/</i> 1999 | 0.8                        | 11/11/1999    | 0.1        |                    |               |           |                      |
| 12/2/1999           | 0.3                        | 11/19/1999    | 0.3        |                    |               |           |                      |
| 12/8/1999           | 0.4                        | Total Volume= | 0.6        |                    |               |           |                      |
| 12/17/1999          | 0.4                        |               |            |                    |               |           |                      |
| 12/21/1999          | 0.2                        |               | *          |                    |               |           |                      |
| 1/6/2000            | 0.4                        |               |            |                    |               |           |                      |
| 1/14/2000           | 0.4                        |               |            |                    |               |           |                      |
| 1/19/2000           | 0.4                        |               |            |                    |               |           |                      |
| 1/27/2000           | 0.2                        |               |            |                    |               |           |                      |
| 2/3/2000            | 0.2                        |               |            |                    |               |           |                      |
| 2/10/2000           | 0.2                        |               |            |                    |               |           |                      |
| 2/18/2000           | 0.3                        |               |            |                    |               |           |                      |
| 2/22/2000           | 0.2                        |               |            |                    |               |           |                      |
| 3/1/2000            | 0.1                        |               |            |                    |               |           |                      |
| Total Volume=       | 6.9                        |               |            |                    |               |           |                      |

MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR AUGUST 1999 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 20 August 1999

| Well ID | Type    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments           |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------|
|         |         |                   |          |                  |                  | :<br>:<br>:        |                    |                               |                    |                    |
| CW-12   | shallow | 7.95              |          |                  |                  |                    | 13.95              | 25.71                         | 17.76              | Product on Probe** |
| CW-16   | shallow | 8.55              |          |                  |                  |                    | 13.90              | 26.45                         | 17.90              | Product on Probe** |
| MW-6    | shallow | 11.30             |          |                  |                  |                    | 18.34              | 30.74                         | 19.44              | Product on Probe** |
| MW-8    | shallow | 12.80             |          |                  |                  |                    | 17.30              | 30.26                         | 17.46              | Product on Probe** |
| MW-18   | shallow | 5.60              |          |                  |                  |                    | 10.40              | 32.23                         | 26.63              |                    |
| RW6-1   | shallow | 2.83              |          |                  |                  |                    | 13.66              | 28.84                         | 26.01              |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected by product interface meter.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR MARCH 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 29 March 2000

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to         | Elevation        | Water     |                            |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|------------------|------------------|-----------|----------------------------|
|         |         | (feet)            | (feet)   | (feet)           | (feet)           | (feet)             | Bottom<br>(feet) | Top of<br>Casing | Elevation | Comments                   |
|         |         |                   |          |                  |                  |                    |                  |                  |           |                            |
| CW-12   | shallow | 6.61              |          |                  |                  |                    | 13.96            | 25.71            | 19.10     |                            |
| CW-16   | shallow | 6.85              |          |                  |                  |                    | 13.71            | 26.45            | 19.60     |                            |
| MW-6    | shallow | 10.11             | 17.60    |                  | 0.72             |                    | 18.32            | 30.74            | 20.63     | Product on Probe           |
| MW-8    | shallow | 10.95             |          |                  |                  |                    | 17.25            | 30.26            | 19.31     |                            |
| MW-18   | shallow | 8.28              |          |                  |                  |                    | 11.35            | 32.23            | 23.95     |                            |
| RW6-1   | shallow | 2.00              |          |                  |                  |                    | 13.85            | 28.84            | 26.84     |                            |
| RW7-6   | shallow | 6.42              |          |                  |                  |                    | 14.95            | 26.48            | 20.06     | LNAPL and DNAPL on Probe** |
| RW7-3   | shallow | 6.28              |          |                  |                  |                    | 17.15            | _26.78           | 20.50     |                            |

#### NOTES:

Haley & Aldrich, Inc.

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

-: Not detected.

••: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR MAY 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 18 May 2000

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments           |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------|
| CW-12   | shallow | 6.61              |          |                  |                  |                    | 13.86              | 25.71                         | 19.10              |                    |
| CW-12   | shallow | 6.92              |          |                  |                  |                    | 13.61              | 26.45                         | 19.53              |                    |
| MW-6    | shallow | 10.05             | 17.99    |                  | 0.23             |                    | 18.22              | 30.74                         | 20.69              | Product on Probe   |
| MW-8    | shallow | 11.01             |          |                  |                  |                    | 17.15              | 30.26                         | 19.25              |                    |
| MW-18   | shallow | 8.33              |          |                  |                  |                    | 11.25              | 32.23                         | 23.90              |                    |
| RW6-1   | shallow | 2.01              |          |                  |                  |                    | 13.75              | 28.84                         | 26.83              |                    |
| RW7-6   | shallow | 6.37              |          |                  |                  |                    | 14.85              | 26.48                         | 20.11              | Product on Probe** |
| RW7-3   | shallow | 6.22              |          |                  |                  |                    | 17.05              | 26.78                         | 20.56              |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

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# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR JUNE 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

#### MEASUREMENTS COLLECTED: 7 June 2000

| Well ID | Туре    | Depth to | Depth to | Product | Product  | Thickness | Depth to | Elevation | Water     |                    |
|---------|---------|----------|----------|---------|----------|-----------|----------|-----------|-----------|--------------------|
|         |         | Water    | DNAPL    | LNAPL   | DNAPL    | LNAPL     | Bottom   | Top of    | Elevation | Comments           |
|         |         |          |          |         |          |           |          | Casing    |           |                    |
|         |         |          |          |         | <u> </u> |           | <u></u>  |           |           |                    |
| CW-12   | shallow | 6.61     |          |         |          |           | 13.86    | 25.71     | 19.10     |                    |
| CW-16   | shallow | 6.85     |          |         |          |           | 13.61    | 26.45     | 19.60     |                    |
| MW-6    | shallow | 10.11    | 17.60    |         | 0.62     |           | 18.22    | 30.74     | 20.63     | Product on Probe   |
| MW-8    | shallow | 10.95    |          |         |          |           | 17.15    | 30.26     | 19.31     |                    |
| MW-18   | shallow | 8.28     |          |         |          |           | 11.25    | 32.23     | 23.95     |                    |
| RW6-1   | shallow | 2.00     |          |         |          |           | 13.75    | 28.84     | 26.84     |                    |
| RW7-6   | shallow | 6.42     |          |         |          |           | 14.85    | 26.48     | 20.06     | Product on Probe** |
| RW7-3   | shallow | 6.28     |          |         |          |           | 17.05    | 26.78     | 20.50     |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR AUGUST 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 16 August 2000

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments           |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------|
| CW 12   |         | 6.59              |          | •••••            |                  |                    | 13.89              | 25.24                         | 10.12              | Dood on Dook **    |
| CW-12   | shallow | 0.59              |          |                  |                  |                    |                    | 25.71                         | <b></b>            | Product on Probe** |
| CW-16   | shallow | 6.89              |          |                  |                  |                    | 13.82              | 26.45                         | 19.56              | Product on Probe** |
| MW-6    | shallow | 9.87              | 17.85    |                  | 0.39             |                    | 18.24              | 30.74                         | 20.87              | Product on Probe   |
| MW-8    | shallow | 11.04             |          |                  |                  |                    | 17.32              | 30.26                         | 19.22              |                    |
| MW-18   | shallow | 8.14              |          |                  |                  |                    | 11.28              | 32.23                         | 24.09              |                    |
| RW6-1   | shallow | 1.48              |          |                  |                  |                    | 13.78              | 28.84                         | 27.36              |                    |
| RW7-6   | shallow | 6.48              |          |                  |                  |                    | -14.89             | 26.48                         | 20.00              | Product on Probe** |
| RW7-3   | shallow | 5.98              |          |                  |                  |                    | 17.14              | 26.78                         | 20.80              |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR SEPTEMBER 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 11 September 2000

| Well ID | Туре    | Depth to<br>Water | Depth to   | Product LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments           |
|---------|---------|-------------------|------------|---------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------|
| CW-12   | shallow | 6.57              |            |               |                  |                    | 13.89              | 25.71                         | 19.14              | Product on Probe** |
| CW-16   | shallow | 6.92              |            |               |                  |                    | 13.82              | 26.45                         |                    | Product on Probe** |
| MW-6    | shallow | 9.87              |            |               |                  |                    | 18.24              | 30.74                         | 20.87              | Product on Probe** |
| MW-8    | shallow | 11.09             |            |               |                  |                    | 17.32              | 30.26                         | 19.17              |                    |
| MW-18   | shallow | 8.15              |            |               |                  |                    | 11.28              | 32.23                         | 24.08              |                    |
| RW6-1   | shallow | 1.51              |            |               |                  |                    | 13.78              | 28.84                         | 27.33              |                    |
| RW7-6   | shallow | 6.48              |            |               |                  |                    | 14.89              | 26.48                         | 20.00              |                    |
| RW7-3   | shallow | 6.02              | <b>-</b> - |               |                  |                    | 17.14              | 26.78                         | 20.76              |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- ••: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

Haley & Aldrich, Inc.

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# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR NOVEMBER 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 11 November 2000

| Well ID | Туре    | Depth to | Depth to | Product | Product | Thickness | Depth to | Elevation        | Water     |                  |
|---------|---------|----------|----------|---------|---------|-----------|----------|------------------|-----------|------------------|
|         |         | Water    | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments         |
| CW-12   | shallow | 6.62     |          |         |         |           | 13.90    | 25.71            | 19.09     |                  |
| RW7-8   | shallow | 6.57     |          |         |         |           | 15.01    | 25.90            | 19.33     |                  |
| MW-26   | shallow | 11.14    |          |         |         |           | 17.93    | 28.85            | 17.71     |                  |
| MW-17   | shallow | 9.44     |          |         |         |           | 14.02    | 31.44            | 22.00     |                  |
| CW-16   | shallow | 7.01     |          |         |         |           | 13.84    | 26.45            | 19.44     |                  |
| MW-6    | shallow | 9.89     | 18.01    |         | 0.06    |           | 18.07    | 30.74            | 20.85     | Product on Probe |
| MW-8    | shallow | 10.99    |          |         |         |           | 17.39    | 30.26            | 19.27     |                  |
| MW-18   | shallow | 8.14     |          |         |         |           | 11.25    | 32.23            | 24.09     |                  |
| RW6-1   | shallow | 1.47     |          |         |         |           | 13.77    | 28.84            | 27.37     |                  |
| RW7-6   | shallow | 7.01     | -        |         |         |           | 14.94    | 26.48            | 19.47     |                  |
| RW7-3   | shallow | 6.00     |          |         |         |           | 17.19    | 26.78            | 20.78     |                  |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

<sup>--:</sup> Not detected.

<sup>\*\*:</sup> Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR DECEMBER 2000 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 11 December 2000

| Well ID | Туре    | Depth to | Depth to | o Product | Product | Thickness | Depth to | Elevation | Water     |                  |
|---------|---------|----------|----------|-----------|---------|-----------|----------|-----------|-----------|------------------|
| L       |         | Water    | DNAPL    | LNAPL     | DNAPL   | LNAPL     | Bottom   | Top of    | Elevation | Comments         |
|         |         |          |          |           | ļ       |           |          | Casing    |           |                  |
|         |         |          |          |           | ļ       |           |          |           |           |                  |
| CW-12   | shallow | 7.07     |          |           |         |           | 13:88    | 25.71     | 18.64     |                  |
| CW-16   | shallow | 6.90     |          |           |         |           | 13.83    | 26.45     | 19.55     |                  |
| MW-6    | shallow | 9.89     | 18.01    |           | 0.06    |           | 18.07    | 30.74     | 20.85     | Product on Probe |
| MW-8    | shallow | 11.65    |          |           |         |           | 17.35    | 30.26     | 18.61     |                  |
| RW6-1   | shallow | 1.88     |          |           |         |           | 13.74    | 28.84     | 26.96     |                  |
| RW7-6   | shallow | 6.75     |          |           |         |           | 14.85    | 26.48     | 19.73     |                  |
| RW7-3   | shallow | 6.48     |          |           |         |           | 17.13    | 26.78     | 20.30     |                  |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- -- Not detected
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

## MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR JUNE 2001 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 21 June 2001

| Well ID | Туре    | Depth to | Depth to | o Product | Product | Thickness | Depth to | Elevation        | Water     |                    |
|---------|---------|----------|----------|-----------|---------|-----------|----------|------------------|-----------|--------------------|
|         |         | Water    | DNAPL    | LNAPL     | DNAPL   | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments           |
| - MW-6  | shallow | 8.66     |          |           |         |           | 17.65    | 30.74            | 22.08     | Product on probe** |
| CW-12   | shallow | 6.87     |          |           |         |           | 13.80    | 25.71            |           | Product on probe** |
| RW7-8   | shallow | 4.83     |          |           |         |           | 14.85    | 25.90            | 21.07     |                    |
| MW-26   | shallow | 15.85    |          |           |         |           | 18.59    | 28.85            | 13.00     |                    |
| MW-17   | shallow | 9.15     |          |           |         |           | 14.02    | 31.44            | 22.29     | Product on probe** |
| CW-16   | shallow | 7.32     |          |           |         |           | 13.70    | 26.45            | 19.13     |                    |
| MW-18   | shallow | 8.14     |          |           |         |           | 17.19    | 32.23            | 24.09     |                    |
| RW6-1   | shallow | 1.80     |          |           |         |           | 13.55    | 28.84            | 27.04     |                    |
| RW7-3   | shallow | 6.00     |          |           |         |           | 17.10    | 26.78            | 20.78     |                    |
| RW7-6   | shallow | 6.65     |          |           |         |           | 14.79    | 26.48            | 19.83     |                    |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

--: Not detected.

<sup>\*\*:</sup> Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR AUGUST 2001 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 13 August 2001

| Well ID | Туре    | Depth to | Depth to | Product | Product | Thickness | Depth to | Elevation        | Water     | ,                  |
|---------|---------|----------|----------|---------|---------|-----------|----------|------------------|-----------|--------------------|
|         |         | Water    | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments           |
| MW-6    | shallow | 10.40    | 17.98    |         | 0.04    |           | 18.02    | 30.74            | . 20.34   | Product on probe   |
| MW-8    | shallow | 11.63    |          |         |         |           | 17.28    | 30.26            |           | Product on probe** |
| MW-17   | shallow | 9.62     |          |         |         |           | 14.05    | 31.44            | 21.82     | Product on probe** |
| MW-18   | shallow | 8.94     |          |         |         |           | 11.34    | 32.23            | 23.29     | Product on probe** |
| MW-26   | shallow | 7.62     |          |         |         |           | 15.22    | 28.85            | 21.23     | Product on probe** |
| CW-12   | shallow | 7.08     | 13.56    |         | 0.32    |           | 13.88    | 25.71            | 18.63     | Product on probe   |
| CW-16   | shallow | 7.41     |          |         |         |           | 13.72    | 26.45            | 19.04     | Product on probe** |
| RW6-1   | shallow | 2.50     |          |         |         |           | 13.52    | 28.84            | 26.34     |                    |
| RW7-3   | shallow | 6.65     |          |         |         |           | 17.16    | 26.78            | 20.13     | Product on probe** |
| RW7-6   | shallow | 7.20     |          |         |         |           | 14.80    | 26.48            | 19.28     |                    |
| RW7-8   | shallow | 5.57     |          |         |         |           | 14.88    | 25.90            | 20.33     |                    |
| RW7-10  | shallow | 7.20     |          |         |         |           | 14.05    | 26.10            | 18.90     | Product on probe** |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

--: Not detected.

\*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

## MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR SEPTEMBER 2001 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 25 September 2001

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments           |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|--------------------|
| MW-6    | shallow | 9.85              | 18.10    |                  | 0.27             |                    | 18.37              | 30.74                         | 20.89              | Product on probe   |
| MW-8    | shallow | 10.74             |          |                  |                  |                    | 17.30              | 30.26                         | 19.52              | Product on probe** |
| MW-17   | shallow | 9.22              |          |                  |                  |                    | 14.01              | 31.44                         | 22.22              | Product on probe** |
| MW-18   | shallow | 8.64              |          |                  |                  |                    | 11.32              | 32.23                         | 23.59              |                    |
| MW-26   | shallow | 7.04              |          |                  |                  |                    | 15.35              | 28.85                         | 21.81              |                    |
| CW-12   | shallow | 6.29              |          |                  |                  |                    | 13.75              | 25.71                         | 19.42              | Product on probe** |
| CW-16   | shallow | 7.28              |          |                  |                  |                    | 13.76              | 26.45                         | 19.17              | Product on probe** |
| RW6-1   | shallow | 1.34              |          |                  |                  |                    | 13.59              | 28.84                         | 27.50              |                    |
| RW7-3   | shallow | 6.24              |          |                  |                  |                    | 17.18              | 26.78                         | 20.54              | Product on probe** |
| RW7-6   | shallow | 7.52              |          |                  |                  |                    | 13.75              | 26.48                         | 18.96              |                    |
| RW7-8   | shallow | 3.28              |          |                  |                  |                    | 14.90              | 25.90                         | 22.62              |                    |
| RW7-10  | shallow | 5.70              |          |                  |                  |                    | 14.11              | 26.10                         | 20.40              |                    |

#### NOTES;

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

--: Not detected.

<sup>\*\*:</sup> Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR NOVEMBER 2001 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 9 November 2001

| Weli ID | Туре    | Depth to | Depth to | Product | Product | Thickness | Depth to | Elevation        | Water     |                  |
|---------|---------|----------|----------|---------|---------|-----------|----------|------------------|-----------|------------------|
|         |         | Water    | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments         |
| MW-6    | shallow | 10.49    | 18.29    |         | 0.06    |           | 18.35    | 30.74            | 20.25     | DNAPL on Probe   |
| MW-8    | shallow | 12.12    |          |         |         |           | 17.21    | 30.26            | 18.14     | DNAPL on Probe** |
| MW-17   | shallow | 9.94     |          |         |         |           | 14.04    | 31.44            | 21.50     |                  |
| MW-18   | shallow | 9.68     |          |         |         |           | 11.33    | 32.23            | 22.55     |                  |
| MW-26   | shallow | 7.89     |          |         |         |           | 17.94    | 28.85            | 20.96     |                  |
| CW-7    | shallow | 7.72     |          |         |         |           | 13.82    | 26.13            | 18.41     |                  |
| CW-12   | shallow | 7.46     |          |         |         |           | 13.90    | 25.71            | 18.25     | DNAPL on Probe** |
| CW-16   | shallow | 8.06     |          |         |         |           | 13.80    | 26.45            | 18.39     | DNAPL on Probe** |
| RW7-3   | shallow | 6.88     |          |         |         |           | 17.15    | 26.78            | 19.90     | DNAPL on Probe** |
| RW7-10  | shallow | 7.44     |          |         |         |           | 14.13    | 26.10            | 18.66     |                  |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

## MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR DECEMBER 2001 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 5 December 2001

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL                       | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments         |
|---------|---------|-------------------|----------|--|------------------|--------------------|--------------------|-------------------------------|--------------------|------------------|
| <b></b> |         |                   |          |  |                  |                    |                    | Casing                        |                    |                  |
| MW-6    | shallow | 10.57             | 18.31    |  | 0.04             |                    | 18.35              | 30.74                         | 20.17              | DNAPL on Probe   |
| MW-8    | shallow | 12.18             |          | ************************************** |                  |                    | 17.13              | 30.26                         |                    | DNAPL on Probe** |
| MW-17   | shallow | 10.04             |          |  |                  |                    | 14.04              | 31.44                         | 21.40              |                  |
| MW-18   | shallow | 9.70              |          |  |                  |                    | 11.32              | 32.23                         | 22.53              |                  |
| MW-26   | shallow | 7.94              |          |  |                  |                    | 17.84              | 28.85                         | 20.91              |                  |
| CW-7    | shallow | 7.48              |          |  |                  |                    | 13.95              | 26.13                         | 18.65              |                  |
| CW-12   | shallow | 7.46              |          |  | +-               |                    | 13.89              | 25.71                         | 18.25              | DNAPL on Probe** |
| CW-16   | shallow | 8.07              |          |  |                  |                    | 13.88              | 26.45                         | 18.38              | DNAPL on Probe** |
| RW7-3   | shallow | 6.89              |          |  |                  |                    | 17.15              | 26.78                         | 19.89              | DNAPL on Probe** |
| RW7-10  | shallow | 7.45              |          |  |                  |                    | 14.13              | 26.10                         | 18.65              |                  |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

-- Not detected.

••: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR FEBRUARY 2002 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet --All elevations in feet (NGVD)-

#### MEASUREMENTS COLLECTED :4 February 2002

|         | _       |                   |       |                  |       | -1                 |   |                     |                    |                        |
|---------|---------|-------------------|-------|------------------|-------|--------------------|---|---------------------|--------------------|------------------------|
| Well ID | Туре    | Depth to<br>Water | DNAPL | Product<br>LNAPL | DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom                      | Elevation<br>Top of | Water<br>Elevation | Comments               |
|         |         | ,                 |       |                  |       |                    |   | Casing              |                    |                        |
|         |         |                   |       | •••••            |       |                    | *************************************** |                     |                    |                        |
| MW-6    | shallow | 10.29             | 18.28 | 10.28            | 0.01  | 0.01               | 18.29                                   | 30.74               | 20.45              | LNAPL & DNAPL on Probe |
| MW-8    | shallow | 12.09             |       |                  |       |                    | 17.21                                   | 30.26               | 18.17              | DNAPL on Probe**       |
| MW-17   | shallow | 9.80              |       |                  |       |                    | 14.06                                   | 31.44               | 21.64              | LNAPL on Probe**       |
| CW-7    | shallow | 7.14              |       |                  |       |                    | 13:95                                   | 26.13               | 18.99              |                        |
| CW-12   | shallow | 7.32              |       |                  |       |                    | 13.85                                   | 25.71               | 18.39              | DNAPL on Probe**       |
| CW-16   | shallow | 7.98              |       |                  |       |                    | 13.89                                   | 26.45               | 18.47              | DNAPL on Probe**       |
| RW7-3   | shallow | 6.62              |       |                  |       |                    | 17.14                                   | 26.78               | 20.16              | DNAPL on Probe**       |

#### NOTES:

1...

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

Haley & Aldrich, Inc.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR MARCH 2002 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -All elevations in feet (NGVD)-

#### MEASUREMENTS COLLECTED : 4 March 2002

| Well ID | Туре    | Depth to | Depth to | Product | Product 1 | Thickness | Depth to | Elevation        | Water     |                        |
|---------|---------|----------|----------|---------|-----------|-----------|----------|------------------|-----------|------------------------|
|         |         | Water    | DNAPL    | LNAPL   | DNAPL     | LNAPL     | Bottom   | Top of<br>Casing | Elevation | Comments               |
| MW-6    | shallow | 10.32    | 18.15    | 10.31   | 0.20      | 0.01      | 18.35    | 30.74            | 20.42     | DNAPL & LNAPL on Probe |
| MW-8    | shallow | 11.33    |          |         |           |           | 17.29    | 30.26            | 18.93     | DNAPL on Probe**       |
| MW-17   | shallow | 9.76     |          | 9.75    |           | 0.01      | 14.05    | 31.44            | 21.68     | LNAPL on Probe         |
| CW-7    | shallow | 5.97     |          |         |           |           | 13.92    | 26.13            | 20.16     |                        |
| CW-12   | shallow | 6.86     |          |         |           |           | 13.90    | 25.71            | 18.85     | DNAPL on Probe**       |
| CW-16   | shallow | 7.20     |          |         |           |           | 13.85    | 26.45            | 19.25     | DNAPL on Probe**       |
| RW7-3   | shallow | 6.61     |          |         |           |           | 17.14    | 26.78            | 20.17     | DNAPL on Probe**       |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected.
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

Haley & Aldrich, Inc.

# MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR MAY 2002 HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED: 1 May 2002

| Well ID | Туре    | Depth to<br>Water | Depth to | Product<br>LNAPL | Product<br>DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of<br>Casing | Water<br>Elevation | Comments               |
|---------|---------|-------------------|----------|------------------|------------------|--------------------|--------------------|-------------------------------|--------------------|------------------------|
| MW-6    | shallow | 9.73              | 18.19    |                  | 0.16             |                    | 18.35              | 30.74                         | 21.01              | DNAPL on Probe         |
| MW-8    | shallow | 11.35             | 17.19    |                  | 0.10             |                    | 17.29              | 30.26                         | 18.91              | DNAPL & LNAPL on Probe |
| MW-17   | shallow | 9.90              |          |                  |                  |                    | 14.05              | 31.44                         | 21.54              | LNAPL on Probe**       |
| CW-12   | shallow | 6.70              | 13.68    |                  | 0.22             |                    | 13.90              | 25.71                         | 19.01              | DNAPL & LNAPL on Probe |
| CW-16   | shallow | 7.02              | 13.61    |                  | 0.24             |                    | 13.85              | 26.45                         | 19.43              | DNAPL & LNAPL on Probe |
| RW7-3   | shallow | 5.85              |          |                  |                  |                    | 17.14              | 26.78                         | 20.93              | LNAPL on Probe**       |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

- --: Not detected
- \*\*: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/27/99) HEXCEL FACILITY LODI, NEW JERSEY

| Vell ID | Type     | Depth to   | **************** | Product  |            | <del>,</del> | Depth to   | Elevation | Water      | \ \     | /ell     |                                       |
|---------|----------|------------|------------------|----------|------------|--------------|------------|-----------|------------|---------|----------|---------------------------------------|
|         |          | Water      | DNAPL            | LNAPL    | DNAPL      | LNAPL        | Bottom     | Top of    | Elevation  | ·····   | truction | Comments                              |
|         |          | (10/27/99) |                  |          |            | <u> </u>     | (10/27/99) | Casing    | (10/27/99) | Туре    | Casing   | <u> </u>                              |
| W Serie | es (cont | inued):    |                  |          |            |              |            |           |            | ,       |          |                                       |
| MW-6    | shallow  | 9.70       |                  |          |            |              | 18.46      | 30.74     | 21.04      | stickup | pvc      |                                       |
| MW-7    | deep     | 9.47       |                  |          |            |              | 32.90      | 30.68     | 21.21      | stickup |          |                                       |
| MW-8    | shallow  | 11.74      |                  |          |            |              | 17.38      | 30.26     | 18.52      | stickup |          | DNAPL on Probe**                      |
| MW-9    | deep     | 8.61       |                  |          |            |              | 29.59      | 29.83     | 21.22      | stickup | рус      |                                       |
| MW-10   | shallow  | 12.43      |                  |          |            |              | 17.12      | 30.83     | 18.40      | stickup |          |                                       |
|         |          |            |                  |          |            |              |            |           |            |         |          |                                       |
| MW-11   | deep     | 9.84       |                  |          |            |              | 33.76      | 30.78     | 20.94      | stickup | pvc      |                                       |
| MW-12   | shallow  | 9.90       |                  |          | <u>-</u> - |              | 17.24      | 31.01     | 21.11      | stickup | pvc      |                                       |
| MW-13   | deep     | 9.52       |                  |          |            |              | 33.37      | 31.16     | 21.64      | stickup | pvc      |                                       |
| MW-14   | shallow  | 11.39      |                  |          |            |              | 15.65      | 30.70     | 19.31      | stickup | pvc      |                                       |
| MW-15   | deep     | 8.71       |                  |          |            |              | 25.70      | 30.77     | 22.06      | stickup | pvc      |                                       |
| MW-16   | shallow  | 5.64       |                  |          |            |              | 12.70      | 29.69     | 24.05      | stickup | pvc .    |                                       |
|         | shallow  | 9.04       |                  |          |            |              | 14.14      | 31.44     | 22.40      | stickup | i        |                                       |
|         | shallow  | 8.26       |                  |          |            |              | 11.40      | 32.23     | 23.97      | stickup |          |                                       |
| MW-19   | deep     | 7.00       |                  |          |            |              | 26.71      | 29.08     | 22.08      | stickup | ••••••   | `                                     |
| MW-20   | shallow  | 4.68       |                  |          |            |              | 20.08      | 27.95     | 23.27      | flush   | pvc      |                                       |
|         | shallow  | 8.36       |                  |          |            |              | 15.18      | 30.67     | 22.31      | stickup | DVC      |                                       |
|         | shallow  | 5.36       |                  |          |            |              | 8.18       | 28.45     | 23.09      | flush   | DVC      | <u> </u>                              |
|         | shallow  | 3.75       |                  |          |            |              | 9.69       | 27.51     | 23.76      | flush   | pvc      | <del> </del>                          |
|         | shallow  | 4.10       |                  |          |            |              | 9.50       | 26.51     | 22.41      | flush   | DVC      | <del> </del>                          |
| MW-25   |          | NA         |                  | <u>}</u> |            | <br>:        | NA         | 26.03     | NA         | flush   | pvc      | Well on Napp property; access denied. |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/27/99)

HEXCEL FACILITY

LODI, NEW JERSEY

-All elevations in feet (NGVD)-

| Well ID   | Type     | Depth to   | Depth to | Product | Product | Thickness | Depth to   | Elevation | Water      | v       | /ell       |  |
|-----------|----------|------------|----------|---------|---------|-----------|------------|-----------|------------|---------|------------|--|
|           | Ì        | Water      | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom     | Top of    | Elevation  | Const   | ruction    | Comments   |
|           |          | (10/27/99) |          |         |         |           | (10/27/99) | Casing    | (10/27/99) | Туре    | Casing     |  |
| /IW Serie | es (cont | tinued):   |          |         |         |           |            |           |            |         |            | C  |
| MW-26     | (a)      | 9.64       |          |         |         |           | 18.05      | 28.85     | 19.21      | flush   | 2" pvc     | I  |
| MW-27     | sĥallow  | 7.00       |          |         |         |           | 11.96      | 31.69     | 24.69      | stickup | pvc        |  |
| MW-28     | shallow  | 10.42      |          |         |         |           | 14.80      | 29.68     | 19.26      | stickup | pvc        |  |
| MW-29     | shallow  | 3.58       |          |         |         |           | 9.35       | 27.32     | 23.74      | flush   | pvc        |  |
| MW-30     | shallow  | 4.35       |          |         |         |           | 10.36      | 28.08     | 23.73      | flush   | pvc        |  |
| MW-31     | shallow  | NA         |          |         |         |           | NA         | 27.95     | NA         | flush   | pvc        | Well on Napp property; access denied.  |
| MW-32B    | shallow  | 8.06       |          |         |         |           | 11.00      | 31.23     | 23.17      | flush   | pvc        |  |
| MW-33     | shallow  | 9.65       |          |         |         | <u> </u>  | 17.02      | 31.72     | 22.07      | stickup | pvc        |  |
| PB Series | i:       |            |          |         |         |           |            |           |            |         |            |  |
| PB-1.     | shallow  | NA         |          | [       |         |           | NA         | 21.78     | NA         | stickup | 2" g.steel | The Building I pit has been rendered inaccessible fo                             |
| PB-2      | shallow  | NA         |          |         |         |           | NA         | 21.25     | NA         | T       |            | monitoring. Prior to demolition, the pit was covered                             |
| PB-4      | shállow  | NA NA      |          |         |         |           | NA         | 21.52     | NA         | stickup |            | with steel plates as a safety precaution and to avoidebris falling into the pit. |

NOTES: All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details,

\*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness \* specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

\*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

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TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (2/23/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре    | Depth to    | Depth to | Product                                | Product | Thickness | Depth to                              | Elevation | Water       | ٧     | Vell     |                  |
|----------|---------|-------------|----------|--|---------|-----------|---------------------------------------|-----------|-------------|-------|----------|------------------|
|          |         | Water       | DNAPL    | LNAPL                                  | DNAPL   | LNAPL     | Bottom                                | Top of    | Elevation   | Cons  | truction | Comments         |
|          |         | (2/23/2000) |          |  |         |           | (2/23/2000)                           | Casing    | (2/23/2000) | Туре  | Casing   | ]                |
| V Series | 5:<br>T | Ţ           |          | ······································ | 1       |           | · · · · · · · · · · · · · · · · · · · |           | T           |       |          | ·                |
| RW1-1    | shallow | 4.49        |          |  |         | <u></u>   | NA                                    | 28.24     | 23.75       | flush | s.steel  |                  |
| RW6-1    | shallow | 2.65        |          |  |         |           | 13.65                                 | 28.86     | 26.21       | flush | s.steel  |                  |
| RW6-2    | shallow | 2.39        |          |  |         |           | 12.97                                 | 28.99     | 26.60       | flush |          |                  |
| RW6-3    | shallow | 2.11        |          |  |         |           | 5.39                                  | 28.67     | 26.56       | flush | s.steel  |                  |
| RW7-1    | shallow | 5.71        |          |  |         |           | 16.61                                 | 26.25     | 20.54       | flush | s.steel  |                  |
| RW7-2    | shallow | 6.08        |          |  |         |           | 16.70                                 | 26.48     | 20.40       | flush | s.steel  |                  |
| RW7-3    | shallow | 6.49        |          |  |         |           | 17.12                                 | 26.78     | 20.29       | flush | s.steel  | DNAPL on probe** |
| RW7-4    | shallow | 6.81        | ~-       |  |         |           | 18.95                                 | 27.11     | 20.30       |       | s.steel  |                  |
| RW7-5    | shallow | 7.44        | **       |  |         |           | 19.03                                 | 27.57     | 20.13       | flush | s.steel  |                  |
| RW7-6    | shallow | 6.77        |          |  |         |           | 15.00                                 | `26.48    | 19.71       | flush | s.steel  |                  |
| RW7-7    | shallow | 6.94        |          |  |         |           | 14.79                                 | 26.89     | 19.95       | fiush | s.steel  |                  |
| RW7-8    | shallow | 5.18        |          |  |         |           | 14.92                                 | 25.90     | 20.72       | flush | s.steel  |                  |
| RW7-9    | shallow | 6.96        |          |  |         |           | 16.11                                 | 26.87     | 19.91       | flush | s.steel  |                  |
| RW7-10   | shailow | 7.03        |          |  |         |           | 14.15                                 | 26.10     | 19.07       | flush | s.steel  |                  |
| RW15-1   | shallow | 5.98        |          |  |         |           | 14.87                                 | 29.95     | 23.97       | flush | s.steel  |                  |
| RW15-2   | shallow | NI          |          |  |         |           | Ni                                    | 30.15     | NI          | flush | s.steel  |                  |

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TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (2/23/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| Vell ID  | Туре   | Depth to                                     | Depth to | Product | Product    | Thickness | Depth to                                     | Elevation   | . Water                                      | ٧   | Vell                                     |                                    |
|--|--|--|----------|---------|------------|-----------|--|---|--|---|--|------------------------------------|
|  |  | Water  | DNAPL    | LNAPL   | DNAPL      | LNAPL     | Bottom                                       | Top of  | Elevation                                    | Cons                                      | truction                                 | Comments                           |
|  |  | (2/23/2000)                                  |          |         |            |           | (2/23/2000)                                  | Casing  | (2/23/2000)                                  | Туре                                      | Casing                                   | ·                                  |
| Series:  | ···  |  | ,        |         |            |           |  |   |  |   |  |                                    |
| P-1  | shallow  | 6.07   |          | <u></u> |            |           | , 9.28                                       | 30.09   | 24.02  | flush                                     | 1.5" pvc                                 |                                    |
| P-2  | shallow  | WA   |          |         |            |           | WA   | 30.19   | WA   | flush                                     | 1.5" pvc                                 | Well was sealed on March 29, 1996. |
| Series:  |  |  |          | ·       |            |           | :  |   |  |   |  |                                    |
| Pl-1   | deep   | NI   |          |         |            |           | NI   | 26.90   | NI   | flush                                     | 8" s.steel                               |                                    |
| V Serie  | s:   |  |          |         |            |           | :  |   |  |   | <u>.</u>                                 |                                    |
|  | s:   | ······                                       |          |         |            |           | 11.47  | 29.77   | 22.79  | flush                                     | s.steel                                  |                                    |
| V Serie  | ·  | 6.98<br>NI                                   |          |         |            |           | T  | 29.77<br>29.51  | 22.79<br>Ni                                  | flush<br>flush                            | s.steel                                  |                                    |
| CW-1<br>CW-2<br>CW-3                                 | shallow  | 6.98   |          |         |            |           | 11.47<br>NI<br>NI                            |   | NI<br>NI                                     | L   | ļ  |                                    |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow<br>shallow<br>shallow                       | 6.98<br>NI                                   |          |         |            |           | 11.47<br>NI                                  | 29.51   | NI   | flush<br>flush<br>flush                   | s.steel                                  |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4                         | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | 6.98<br>NI<br>NI                             |          |         |            |           | 11.47<br>Ni<br>Ni                            | 29.51<br>29.72  | NI<br>NI                                     | flush<br>flush                            | s.steel<br>s.steel                       |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow                       | 6.98<br>NI<br>NI<br>5.88<br>NI               |          |         |            |           | 11.47<br>Ni<br>Ni<br>10.99                   | 29.51<br>29.72<br>28.83                                     | NI<br>NI<br>22.95                            | flush<br>flush<br>flush                   | s.steel<br>s.steel<br>s.steel            |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | 6.98<br>NI<br>NI<br>5.88                     |          |         |            |           | 11.47<br>Ni<br>Ni<br>10.99                   | 29.51<br>29.72<br>28.83                                     | NI<br>NI<br>22.95                            | flush<br>flush<br>flush                   | s.steel<br>s.steel<br>s.steel            |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | 6.98<br>NI<br>NI<br>5.88<br>NI<br>NI<br>0.97 |          |         | 27         |           | 11.47<br>Ni<br>Ni<br>10.99                   | 29.51<br>29.72<br>28.83<br>28.67                            | Ni<br>Ni<br>22.95<br>Ni                      | flush<br>flush<br>flush<br>flush          | s.steel<br>s.steel<br>s.steel<br>s.steel |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | 6.98<br>NI<br>NI<br>5.88<br>NI               | <br>     |         | 27         |           | 11.47<br>Ni<br>Ni<br>10.99<br>Ni<br>Ni<br>Ni | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13          | NI<br>NI<br>22.95<br>NI                      | flush<br>flush<br>flush<br>flush<br>flush | s.steel s.steel s.steel s.steel          |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5<br>CW-6<br>CW-7 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | 6.98<br>NI<br>NI<br>5.88<br>NI<br>NI<br>6.97 | <br><br> |         | 2<br>2<br> |           | 11.47<br>NI<br>NI<br>10.99<br>NI<br>NI       | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13<br>26.77 | NI<br>NI<br>22.95<br>NI<br>NI<br>NI<br>19.16 | flush flush flush flush flush flush       | s.steel s.steel s.steel s.steel s.steel  |                                    |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (2/23/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| ell ID   | Туре     | Depth to            | Depth t | o Product | Product     | Thickness | Depth to    | Elevation | Water                                   | W        | ell     | •                  |
|----------|----------|---------------------|---------|-----------|-------------|-----------|-------------|-----------|---|----------|---------|--------------------|
|          |          | Water               | DNAPL   | LNAPL     | DNAPL       | LNAPL     | Bottom      | Top of    | Elevation                               | Const    | ruction | Comments           |
|          |          | (2/23/2000)         |         |           |             | <u> </u>  | (2/23/2000) | Casing    | (2/23/2000)                             | Туре     | Casing  |                    |
| Series   | (contir  | med).               |         |           |             |           |             |           |   |          |         |                    |
|          |          |                     |         |           | *********** | .,        | <b>-</b>    |           |   |          |         |                    |
| CW-11 \  | shallow  | NI                  |         | <u>.</u>  | ļ           | <u></u>   | NI          | 25.74     | NI                                      | vaultbox | s.steel |                    |
| CW-12    | shallow  | 7.05                |         |           |             |           | 13.94       | 25.71     | 18.66                                   | flush    | s.steel | DNAPL on probe**   |
| CW-13    | shallow  | NI                  |         |           |             |           | NI          | 26.05     | NI                                      | flush    | s.steel |                    |
| CW-14    | shallow  | 7.71                |         | <u>i</u>  |             |           | 13.81       | 26.37     | 18.66                                   | flush    | s.steel |                    |
| CW-15    | shallow  | NI                  |         | <u> </u>  | ļ           | <u></u>   | Ni          | 26.31     | NI                                      | flush    | s.steel |                    |
|          |          | ******************* |         | <u> </u>  |             |           |             |           |   | ļ        |         |                    |
| CW-16    | shallow  | 7.41                |         | <u></u>   |             |           | 13.91       | 26.45     | 19.04                                   | flush    | s.steel | DNAPL on probe * * |
| CW-17    | shallow  | 6.79                |         | <u> </u>  |             |           | 13.95       | 26.25     | 19.46                                   | flush    | s.steel |                    |
| CW-18    | shallow  | NI                  |         | <u></u>   |             |           | NI          | 26.61     | NI                                      | flush    | s.steel |                    |
| CW-19    | shallow  | NI                  |         | <u></u>   |             |           | NI          | 26.50     | NI                                      | flush    | s.steel |                    |
| CW-20    | shallow  | NI                  |         |           |             |           | NI          | 26.74     | NI                                      | flush    | s.steel |                    |
|          |          | ******************* |         | <u> </u>  |             |           |             |           |   |          |         |                    |
| CW-21    | shallow  | NI                  |         | į         | ļ           |           | , NI        | 26.77     | NI                                      | flush    | s.steel |                    |
| CW-22    | shallow  | NI                  |         | <u></u>   | <u></u>     | İ         | NI          | 26.35     | NI                                      | flush    | s.steel |                    |
|          |          |                     |         |           |             |           |             |           |   |          |         |                    |
| / Series |          |                     |         |           |             |           |             |           |   |          |         |                    |
|          | <b>.</b> |                     |         |           | 1           |           | ·.          |           | • |          | •••••   |                    |
| MW-1     | deep     | 9.95                |         |           |             |           | 23.44       | 32.42     | 22.47                                   | stickup  | pvc     |                    |
| MW-2     | shallow  | 7.78                |         |           |             | -         | 10.25       | 31.00     | 23.22                                   | stickup  | pvc     |                    |
| MW-3     | deep     | 10.38               |         |           |             | -         | 30.67       | 31.13     | 20.75                                   | stickup  | pvc     |                    |
| MW-4     | shallow  | 7.64                |         | <u></u>   |             |           | 9.94        | 32.34     | 24.70                                   | stickup  | pvc     |                    |
| MW-5     | deep     | 11.28               |         | -         |             |           | 28.30       | 32.54     | 21.26                                   | stickup  | pvc     |                    |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (2/23/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| ell ID  | Туре     | Depth to<br>Water |       | o Product<br>LNAPL | DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of | Water<br>Elevation |         | ell<br>ruction | Comments                              |
|---------|----------|-------------------|-------|--------------------|-------|--------------------|--------------------|---------------------|--------------------|---------|----------------|---------------------------------------|
|         |          | (2/23/2000)       |       | <u> </u>           |       |                    | (2/23/2000)        | Casing              | (2/23/2000)        | Туре    | Casing         |                                       |
| V Serie | s (conti | nued):            |       |                    |       |                    |                    |                     |                    |         |                | ,                                     |
| MW-6 .  | shallow  | 10.15             | 17.71 |                    | 0.39  |                    | 18.10              | 30.74               | 20.59              | stickup | pvc            | DNAPL on probe                        |
| MW-7    | deep     | 9.71              |       |                    |       |                    | 32.76              | 30.68               | 20.97              | stickup | pvc            |                                       |
| MW-8    | shallow  | 11.66             |       |                    |       |                    | 17.30              | 30.26               | 18.60              | stickup | pvc            |                                       |
| MW-9    | deep     | 8.89              |       |                    |       |                    | 29.51              | 29.83               | 20.94              | stickup | pvc            |                                       |
| MW-10   | shallow  | 12.38             |       |                    |       |                    | 16.72              | 30.83               | 18.45              | stickup | pvc            |                                       |
| MW-11   | deep     | 10.11             |       |                    |       |                    | 33.41              | 30.78               | 20.67              | stickup | pvc            |                                       |
| MW-12   | shallow  | 10.37             |       |                    |       |                    | 16.90              | 31.01               | 20.64              | stickup | pvc            |                                       |
| MW-13   | deep     | 9.80              |       | <u></u>            |       |                    | 33.15              | 31.16               | 21.36              | stickup | pvc            |                                       |
| MW-14   | shallow  | 11.31             |       | <u> </u>           |       |                    | 15.55              | 30.70               | 19.39              | stickup | pvc            |                                       |
| MW-15   | deep     | 8.97              |       |                    |       |                    | 25.57              | 30.77               | 21.80              | stickup | pvc            |                                       |
| MW-16   | shallow  | 5.99              |       | <u> </u>           |       |                    | 12.30              | 29.69               | 23.70              | stickup | pvc            |                                       |
| MW-17   | shallow  | 9.41              |       |                    |       |                    | 14.06              | 31.44               | 22.03              | stickup | pvc            |                                       |
| MW-18   | shallow  | 8.69              |       |                    |       |                    | 11.31              | 32.23               | 23.54              | stickup | pvc            |                                       |
| MW-19   | deep     | 7.23              |       |                    |       |                    | 26.52              | 29.08               | 21.85              | stickup | pvc            |                                       |
| MW-20   | shallow  | 4.49              |       |                    |       |                    | 19.77              | 27.95               | 23.46              | flush   | pvc            |                                       |
| MW-21   | shallow  | 8.59              |       |                    |       |                    | 15.10              | 30.67               | 22.08              | stickup | pvc            |                                       |
| MW-22   | shallow  | 5.13              |       |                    |       |                    | 8.28               | 28.45               | 23.32              | flush   | pvc            |                                       |
| MW-23   | shallow  | NA                |       |                    |       |                    | . NA               | 27.51               | NA                 | flush   | pvc            | Well frozen                           |
| MW-24   | shallow  | NA                |       |                    |       |                    | NA                 | 26.51               | NA                 | flush   | pvc            | Well frozen                           |
| MW-25   | shallow  | NA                |       |                    |       |                    | NA                 | 26.03               | NA                 | flush   | DVC            | Well on Napp property; access denied. |

# TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (2/23/2000) HEXCEL FACILITY LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре     | Depth to    | Depth to | Product                                | Product | Thickness | Depth to    | Elevation | Water       | V       | /eli       |  |
|----------|----------|-------------|----------|--|---------|-----------|-------------|-----------|-------------|---------|------------|--|
|          |          | Water       | DNAPL    | LNAPL                                  | DNAPL   | LNAPL     | Bottom      | Top of    | Elevation   | Cons    | truction   | Comments   |
|          |          | (2/23/2000) |          |  |         |           | (2/23/2000) | Casing    | (2/23/2000) | Туре    | Casing     |  |
| W Series | s (conti | nued):      |          |  |         |           |             |           | ,           | C       |            |  |
| MW-26    | (a)      | 13.82       |          |  |         |           | 17.87       | 28.85     | 15.03       | flush   | 2" pvc     |  |
| MW-27    | shallow  | 7.08        |          |  |         |           | 11.92       | 31.69     | 24.61       | stickup | pvc        |  |
| MW-28    | shallow  | 10.31       |          |  |         |           | 14.63       | 29.68     | 19.37       | stickup | pvc        |  |
| MW-29    | shallow  | 4.00        |          |  |         |           | 9.35        | 27.32     | 23.32       | flush   | рус        |  |
| MW-30    | shallow  | NA          |          |  |         |           | NA          | 28.08     | NA          | flush   | pvc        | Well frozen  |
| MW-31    | shallow  | NA          |          |  |         |           | NA          | 27.95     | NA          | flush   | pvc        | Well on Napp property; access denied.  |
| MW-32B   | shallow  | 8.02        |          |  |         |           | 11.05       | 31.23     | 23.21       | flush   | pvc        |  |
| MW-33    | shallow  | 9.89        |          |  |         |           | 16.87       | 31.72     | 21.83       | stickup | pvc        |  |
| Series:  |          |             |          |  |         |           |             |           | ,           |         |            |  |
| PB-1     | shallow  | NA          |          |  |         |           | NA          | 21.78     | NA          | stickup | 2" g.steel | The Building I pit has been rendered inaccessible                                  |
|          | shallow  | NA          |          |  |         |           | NA          | 21.25     | NA          | stickup | 2" g.steel | monitoring. Prior to demolition, the pit was cover                                 |
| PB-4     | shallow  | NA          |          | ······································ |         |           | NA          | 21.52     | NA          | stickup |            | with steel plates as a safety precaution and to av<br>debris falling into the pit. |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

\*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness \* specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

\*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/11/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID | Туре    | Depth to                               | Depth to                                | Product          | Product                                 | Thickness                                    | Depth to                                | Elevation                             | Water       | ٧     | /ell     |  |
|---------|---------|--|---|------------------|---|--|---|---------------------------------------|-------------|-------|----------|--|
|         |         | Water                                  | DNAPL                                   | LNAPL            | DNAPL                                   | LNAPL  | Bottom                                  | Top of                                | Elevation   | Cons  | truction | Comments   |
|         |         | (4/11/2000)                            |   |                  | l                                       |  | (4/11/2000)                             | Casing                                | (4/11/2000) | Type  | Casing   |  |
| W Serie | s: ,    |  |   |                  |   | V  |   |                                       |             |       |          |  |
|         |         | N. 1                                   |   |                  |   | -  |   |                                       |             |       |          |  |
| RW1-1   | shallow | 4.47                                   | '                                       |                  |   |  | 13.77                                   | 28.24                                 | 23.77       | flush | s.steel  |  |
|         |         |  |   |                  |   |  |   |                                       |             |       |          |  |
| RW6-1   | shallow | 2:17                                   |   | <u></u>          |   |  | 13.64                                   | 28.86                                 | 26.69       | flush | s.steel  |  |
| RW6-2   | shallow | 1.77                                   | ,                                       |                  |   | <u></u>                                      | 12.90                                   | 28.99                                 | 27.22       | flush | s.steel  |  |
| RW6-3   | shallow | 2.78                                   |   |                  |   | <br>   | 5.41                                    | 28.67                                 | 25.89       | flush | s.steel  |  |
| RW7-1   | shallow | 5.43                                   |   |                  |   |  | 16.62                                   | 26.25                                 | 20.82       | flush | s.steel  |  |
| RW7-2   | shallow | 5.92                                   |   |                  | ·                                       |  | 16.74                                   | 26.48                                 | 20.56       | flush | s.steel  |  |
| RW7-3   | shallow | 6.15                                   |   |                  |   | <u></u>                                      | 17.16                                   | 26.78                                 | 20.63       | flush | s.steel  |  |
| RW7-4   | shallow | 6.52                                   |   | <del> </del><br> |   |  | 18.98                                   | 27.11                                 | 20.59       | flush | s.steel  |  |
| RW7-5   | shallow | 7.13                                   |   |                  |   |  | 19.01                                   | 27.57                                 | 20.44       | flush | s.steel  | 1841 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (1971 (19 |
|         | }       | ······································ |   | <u> </u>         | *************************************** | <u>                                     </u> | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | · · · · · · · · · · · · · · · · · · · |             |       |          |  |
| RW7-6   | shallow | 6.51                                   |   | ·                |   |  | 14.99                                   | 26.48                                 | 19.97       | flush | s.steel  |  |
| RW7-7   | shallow | 6.66                                   |   | ·                |   |  | 14.81                                   | 26.89                                 | 20.23       | flush | s.steel  |  |
| RW7-8   | shallow | 4.91                                   |   |                  |   |  | 14.96                                   | 25.90                                 | 20.99       | flush | s.steel  |  |
| RW7-9   | shallow | 9.73                                   |   |                  |   |  | 16.19                                   | 26.87                                 | 17.14       | flush | s.steel  |  |
| RW7-10  | shallow | 6.78                                   |   |                  |   |  | 14.09                                   | 26.10                                 | 19.32       | flush | s.steel  |  |
| RW15-1  | shallow | 6.05                                   |   |                  |   |  | 14.86                                   | 29.95                                 | 23.90       | flush | s.steel  |  |
| RW15-2  | shallow | NI                                     | *************************************** |                  |   | <del>}</del>                                 | NI                                      | 30.15                                 | NI NI       | flush | s.steel  |  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/11/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID                              | Type  | Depth to                                     | Depth to | Product     | Product <sup>*</sup> | Thickness | Depth to                               | Elevation  | Water                                  | v  | Vell                                     |                                    |
|--------------------------------------|---|--|----------|-------------|----------------------|-----------|--|--|--|--|--|------------------------------------|
|                                      |   | Water  | DNAPL    | LNAPL       | DNAPL                | LNAPL     | Bottom                                 | Top of   | Elevation                              | Cons   | truction                                 | Comments                           |
|                                      |   | (4/11/2000)                                  |          | #<br>#<br># |                      |           | (4/11/2000)                            | Casing   | (4/11/2000)                            | Туре   | Casing                                   |                                    |
| Series:                              |   |  |          |             |                      |           |  |  |  |  |  |                                    |
| Ochico.                              |   | 1000   |          |             |                      |           |  |  |  |  |  |                                    |
| P-1                                  | shallow   | 6.23   |          |             |                      |           | 9.35                                   | 30.09  | 23.86                                  | flush  | 1.5" pvc                                 |                                    |
| P-2                                  | shallow   | WA   |          |             |                      |           | WA                                     | 30.19  | WA                                     | flush  | 1.5" pvc                                 | Well was sealed on March 29, 1996. |
| Series                               |   |  | 1        | <u> </u>    | T                    | <u> </u>  |  | ·  |  | PINTONOS (111111111111111111111111111111111111 |  |                                    |
| PI-1                                 | deep  | NI   | 1        | Ì           | 1                    | Ī         | NI I                                   | 26.90  | NI                                     | flush  | 8" s.steel                               |                                    |
| W Serie                              |   |  |          |             |                      |           |  |  |  |  |  |                                    |
| W Serie                              |   |  |          |             |                      |           | 11.49                                  | 29.77  | 22.81                                  | flush  | s.steel                                  |                                    |
|                                      | es:   |  |          |             |                      |           | 11.49<br>NI                            | 29.77<br>29.51                                     | 22.81<br>NI                            | flush<br>flush                                 | s.steel                                  |                                    |
| CW-1                                 | es:   | 6.96   |          |             |                      |           |  |  | ····                                   |  |  |                                    |
| CW-1<br>CW-2                         | es:<br>shallow<br>shallow   | 6.96<br>NI<br>NI                             |          |             |                      |           | NI ·                                   | 29.51  | NI                                     | flush  | s.steel                                  |                                    |
| CW-1<br>CW-2<br>CW-3                 | shallow<br>shallow<br>shallow   | 6.96<br>NI<br>NI<br>5.99                     |          |             |                      |           | NI NI                                  | 29.51<br>29.72                                     | NI<br>NI                               | flush<br>flush                                 | s.steel<br>s.steel                       |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4         | shallow<br>shallow<br>shallow<br>shallow                                  | 6.96<br>NI<br>NI<br>5.99                     |          |             |                      |           | NI<br>NI<br>10.98                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>22.84                      | flush<br>flush<br>flush                        | s.steel<br>s.steel<br>s.steel            |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4         | shallow<br>shallow<br>shallow<br>shallow                                  | 6.96<br>NI<br>NI<br>5.99                     |          |             |                      |           | NI<br>NI<br>10.98                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>22.84                      | flush<br>flush<br>flush                        | s.steel<br>s.steel<br>s.steel            |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4         | shallow<br>shallow<br>shallow<br>shallow<br>shallow                       | 6.96<br>NI<br>NI<br>5.99                     |          |             |                      |           | NI<br>NI<br>10.98<br>NI                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>NI<br>22.84<br>NI                | flush<br>flush<br>flush<br>flush               | s.steel<br>s.steel<br>s.steel<br>s.steel |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow            | 6.96<br>NI<br>NI<br>5.99<br>NI               |          |             |                      |           | NI<br>NI<br>10.98<br>NI                | 29.51<br>29.72<br>28.83<br>28.67<br>28.93          | NI<br>NI<br>22.84<br>NI                | flush<br>flush<br>flush<br>flush               | s.steel s.steel s.steel s.steel s.steel  |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | 6.96<br>NI<br>NI<br>5.99<br>NI<br>NI<br>6.80 |          |             |                      |           | NI<br>NI<br>10.98<br>NI<br>NI<br>14.00 | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>22.84<br>NI<br>NI<br>19.33 | flush flush flush flush flush flush            | s.steel s.steel s.steel s.steel s.steel  |                                    |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/11/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| ell ID   | Туре         | Depth to    | Depth to   | Product   | Product 1 | Thickness | Depth to    | Elevation | Water       | l w      | ell                                    |  |
|----------|--------------|-------------|------------|-----------|-----------|-----------|-------------|-----------|-------------|----------|--|--|
|          |              | Water       | DNAPL      | LNAPL     | DNAPL     | LNAPL     | Bottom      | Top of    | Elevation   | Const    | ruction                                | Comments   |
|          |              | (4/11/2000) |            |           |           |           | (4/11/2000) | Casing    | (4/11/2000) | Type     | Casing                                 |  |
| V Serie  | s (cont      | inued):     |            |           |           |           |             |           |             |          |  |  |
| CW-11    | shallow      | NI          |            |           |           |           | NI          | 25.74     | NI          | vaultbox | s.steel                                |  |
| CW-12    | shallow      | 6.70        |            | ·         |           |           | 13.92       | 25.71     | 19.01       | flush    | s.steel                                | A STATE OF THE STA |
| CW-13    | shallow      | NI          |            |           |           |           | NI          | 26.05     | NI          | flush    | s.steel                                |  |
| CW-14    | shallow      | 7.38        |            |           |           |           | 13.88       | 26.37     | 18.99       | flush    | s.steel                                |  |
| CW-15    | shallow      | NI          |            | i         |           |           | NI          | 26.31     | NI          | flush    | s.steel                                |  |
|          |              |             |            | 1         |           |           |             |           |             |          | ************************************** |  |
|          | shallow      | 7.07        |            |           |           |           | 13.90       | 26.45     | 19.38       | flush    | s.steel                                |  |
| CW-17    | shallow      | 6.44        |            | <u></u> . |           |           | 13.95       | 26.25     | 19.81       | flush    | s.steel                                |  |
| CW-18    | shallow      | NI          |            |           |           |           | NI          | 26.61     | NI          | flush    | s.steel                                |  |
| CW-19    | shallow      | :NI         |            |           |           |           | NI          | 26.50     | NI          | flush    | s.steel                                |  |
| CW-20    | shallow      | NI          | ·········· |           |           |           | NI          | 26.74     | NI          | flush    | s.steel                                |  |
|          |              |             |            | ļ         |           |           |             |           |             | 1        |  |  |
| CW-21    | shallow      | NI          |            | ļ         |           |           | NI          | 26.77     | NI          | flush    | s.steel                                |  |
| CW-22    | shallow      | NI          |            |           | <u> </u>  |           | NI          | 26.35     | NI          | flush    | s.steel                                |  |
|          | <del> </del> |             |            |           |           |           |             |           |             |          |  | <u> </u>   |
| IW Serie | #S:          |             |            |           |           | ······    |             |           |             |          |  |  |
| MW-1     | deep         | 9.86        |            |           |           |           | 23.48       | 32.42     | 22.56       | stickup  | pvc                                    |  |
| MW-2     | shallow      | 7.70        |            |           |           |           | 10.27       | 31.00     | 23.30       | stickup  | pvc                                    |  |
| MW-3     | deep         | 9.92        |            |           |           |           | 30.70       | 31.13     | 21.21       | stickup  | pvc                                    |  |
| MW-4     | shallow      | 4.69        |            |           |           |           | 9.91        | 32.34     | 27.65       | stickup  | pvc                                    |  |
| MW-5     | deep         | 10.93       |            |           |           |           | 28.31       | 32.54     | 21.61       | stickup  | pvc                                    |  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/11/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID | Type               | Depth to    | Depth to | Product | Product ' | Thickness | Depth to    | Elevation      | Water       | W              | /ell    |                                       |
|---------|--------------------|-------------|----------|---------|-----------|-----------|-------------|----------------|-------------|----------------|---------|---------------------------------------|
|         |                    | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL     | Bottom      | Top of         | Elevation   | Const          | ruction | Comments                              |
|         |                    | (4/11/2000) |          | _       |           |           | (4/11/2000) | Casing         | (4/11/2000) | Туре           | Casing  |                                       |
| W Serie | es (cont           | inued):     |          |         |           |           |             |                |             |                |         |                                       |
| MW-6    | shallow            | 9.99        | 17.71    |         | 0.41      |           | 18.12       | 30.74          | 20.75       | stickup        | pvc     | DNAPL on Probe                        |
| MW-7    | deep               | 9.28        | · ·      | :       |           |           | 32.81       | 30.68          | 21.40       | stickup        | pvc     |                                       |
| MW-8    | shallow            | 11.15       |          |         |           |           | 17.27       | 30.26          | 19.11       | stickup        | pvc     |                                       |
| MW-9    | deep               | 8.42        |          |         |           |           | 29.50       | 29.83          | 21.41       | stickup        | pvc     |                                       |
| MW-10   | shallow            | 11.76       |          |         |           |           | 16.75       | 30.83          | 19.07       | stickup        | pvc     |                                       |
|         |                    |             |          |         |           |           |             |                |             |                |         |                                       |
| MW-11   | deep               | 9.93        |          |         |           |           | 33.41       | 30.78          | 20.85       | stickup        | pvc     |                                       |
| MW-12   | shallow            | 10.24       |          |         |           |           | 17.17       | 31.01          | 20.77       | stickup        | pvc     |                                       |
| MW-13   | deep               | 9.40        |          |         |           |           | 33.14       | 31.16          | 21.76       | stickup        | pvc     |                                       |
| MW-14   | shallow            | 10.61       |          |         |           |           | 15.54       | 30.70          | 20.09       | stickup        | pvc     |                                       |
| MW-15   | deep               | 8.62        |          |         |           |           | 25.59       | 30.77          | 22.15       | stickup        | pvc     |                                       |
|         |                    |             |          |         |           |           |             | ······         |             |                |         |                                       |
|         | shallow            | 5.99        |          |         |           |           | 12.31       | 29.69          | 23.70       | stickup        | pvc     |                                       |
| MW-17   | shallow            | 9.29        |          |         |           |           | 13.95       | 31.44          | 22.15       | stickup [      | pvc     |                                       |
|         | shallow            | 8.57        |          |         |           |           | 11.35       | 32.23          | 23.66       | stickup        | pvc     |                                       |
| MW-19   | deep               | 6.96        |          |         |           |           | 26.57       | 29.08          | 22.12       | stickup        | pvc     |                                       |
| MW-20   | shallow            | 4.90        |          |         |           |           | 14.99       | 27.95          | 23.05       | flush          | pvc     |                                       |
|         |                    |             |          |         |           |           | 15.00       | 00.07          |             |                |         |                                       |
|         | shallow            | 8.58        |          |         |           |           | 15.08       | 30.67          | 22.09       | stickup        | pvc     |                                       |
|         | shallow            | 4.96        |          |         |           |           | 8.27        | 28.45          | 23.49       | flush          | pvc     |                                       |
|         | shallow            | 4.08        |          |         |           |           | 9.61        | 27.51          | 23.43       | flush          | pvc     |                                       |
|         | shallow<br>shallow | 3.20<br>NA  |          |         |           |           | 9.52<br>NA  | 26.51<br>26.03 | 23.31<br>NA | flush<br>flush | pvc     | Well on Napp property; access denied. |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/11/2000)
HEXCEL FACILITY
I ODÍ, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре       | Depth to    | Depth to  | Product | Product <sup>-</sup> | Thickness | Depth to    | Elevation | Water       | W       | /ell       |   |
|----------|------------|-------------|-----------|---------|----------------------|-----------|-------------|-----------|-------------|---------|------------|---|
|          |            | Water       | DNAPL     | LNAPL   | DNAPL                | LNAPL     | Bottom      | Top of    | Elevation   | Const   | ruction    | Comments  |
|          |            | (4/11/2000) |           |         |                      |           | (4/11/2000) | Casing    | (4/11/2000) | Туре    | Casing     |   |
| ЛW Seri  | es (cont   | inued):     |           |         |                      |           |             |           | · . ·       |         | -          |   |
| MW-26    | (a)        | 14.01       |           |         |                      |           | 17.87       | 28.85     | 14.84       | flush   | 2" pvc     |   |
| MW-27    | shallow    | 7:15        |           |         |                      |           | 11.91       | 31.69     | 24.54       | stickup | pvc        |   |
| MW-28    | shallow    | 9.65        |           |         |                      |           | 14.69       | 29.68     | 20.03       | stickup | pvc        |   |
| MW-29    | shallow    | 3.96        |           |         |                      |           | 9.29        | 27.32     | 23.36       | flush   | pvc        |   |
| MW-30    | shallow    | 5.32        |           |         |                      |           | 10.48       | 28.08     | 22.76       | flush   | pvç        |   |
| MW-31    | shallow    | NA          |           |         |                      |           | NA          | 27.95     | NA          | flush   | pvc        | Well on Napp property; access denied.   |
| MW-32B   | shallow    | 8.09        |           |         | '                    |           | 11.11       | 31.23     | 23.14       | flush   | pvc        |   |
| MW-33    | shallow    | 9.73        | · <b></b> |         |                      |           | 16.90       | 31.72     | 21.99       | stickup | pvc        |   |
| B Series | ) <b>:</b> |             |           |         |                      |           |             |           |             |         |            |   |
| PB-1     | shallow    | NA          |           |         |                      |           | NA          | 21.78     | NA          | stickup | 2" g.steel | The Building I pit has been rendered inaccessible fo                                |
| PB-2     | shallow    | NA          |           |         |                      |           | NA          | 21.25     | NA          | stickup |            | monitoring. Prior to demolition, the pit was covered                                |
| PB-4     | shallow    | NA .        |           |         |                      |           | NA          | 21.52     | NA          | stickun |            | with steel plates as a safety precaution and to avo<br>debris falling into the pit. |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

- -: Not detected.
- NA: Measurements not available.
- WA: Well Abandoned.
- NI: Well not included in quarterly monitoring.
- (a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/17/2000)
HEXCEL FACILITY
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| Vell ID  | Туре    | Depth to | Depth to | o Product   | Product  | Thickness | Depth to | Elevation | Water     | v                                       | Vell     |   |
|----------|---------|----------|----------|-------------|----------|-----------|----------|-----------|-----------|---|----------|---|
|          |         | Water    | DNAPL    | LNAPL       | DNAPL    | LNAPL     | Bottom   | Top of    | Elevation | Cons                                    | truction | Comments                                  |
|          |         | 07/17/00 |          |             | <u> </u> | <u> </u>  | 07/17/00 | Casing    | 07/17/00  | Туре                                    | Casing   |   |
| V Series | s:      |          |          |             |          |           |          |           | _         |   |          |   |
| 54       |         |          | Ī        | <u></u>     |          |           |          |           |           | *************************************** |          |   |
| RW1-1    | shallow | 4.59     |          |             |          |           | 13.83    | 28.24     | 23.65     | flush                                   | s.steel  |   |
|          |         |          |          | ļ           |          | ļ         |          |           |           |   |          |   |
| RW6-1    | shallow | 2.01     |          | <u> </u>    |          |           | 13.67    | 28.86     | 26.85     | flush                                   | s.steel  |   |
| RW6-2    | shallow | 1.93     |          | <u></u>     |          |           | 12.97    | 28.99     | 27.06     | flush                                   | s.steel  |   |
| RW6-3    | shallow | 2.55     |          | <u> </u>    |          |           | 5.41     | 28.67     | 26.12     | flush                                   | s.steel  |   |
| RW7-1    | shallow | 5.78     |          |             |          |           | 16.54    | 26.25     | 20.47     | flush                                   | s.steel  |   |
| RW7-2    | shallow | 5.99     |          |             |          |           | 16.81    | 26.48     | 20.49     | flush                                   | s.steel  |   |
| RW7-3    | shallow | 6.32     |          |             |          |           | 17.13    | 26.78     | 20.46     | flush                                   | s.steel  |   |
| RW7-4    | shallow | 6.69     |          |             |          |           | 18.99    | 27.11     | 20.42     | flush                                   | s.steel  |   |
| RW7-5    | shallow | NA       |          |             |          |           | NA       | 27.57     | NA        | flush                                   | s.steel  | Water Level Not Collected (sock in well). |
| RW7-6    | shallow | 6.63     | <u></u>  |             |          |           | 14.87    | 26.48     | 19.85     | flush                                   | s.steel  |   |
| RW7-7    | shallow | 6.72     |          | <del></del> |          |           | 14.01    | 26.89     | 20.17     | flush                                   | s.steel  |   |
| RW7-8    | shallow | 5.37     |          |             |          |           | 14.92    | 25.90     | 20.53     | flush                                   | s.steel  |   |
| RW7-9    | shallow | 6.75     |          |             |          |           | 16.12    | 26.87     | 20.12     | flush                                   | s.steel  |   |
| RW7-10   |         | 6.70     |          | <u></u>     |          |           | 14.14    | 26.10     | 19.40     | flush                                   | s.stee   |   |
| RW15-1   | shallow | 5.90     |          |             |          |           | 14.86    | 29.95     | 24.05     | flush                                   | s.steel  |   |
| RW15-2   | shallow | NI       | t        | İ           |          | :<br>:    | NI       | 30.15     | NI        | flush                                   | s.steel  |   |

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TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/17/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -

| ell ID   | Type   | Depth to                                     | Depth to | Product  | Product | Thickness | Depth to                                  | Elevation   | Water   | ν   | Vell  |                                    |
|--|--|--|----------|----------|---------|-----------|---|---|---|---|---|------------------------------------|
|  |  | Water  | DNAPL    | LNAPL    | DNAPL   | LNAPL     | Bottom                                    | Top of  | Elevation                                       | Cons                                      | truction  | Comments                           |
|  |  | 07/17/00                                     | <u> </u> |          |         |           | 07/17/00                                  | Casing  | 07/17/00  | Туре                                      | Casing  |                                    |
| Series:  |  |  | ٠.       |          |         |           |   |   |   |   |   |                                    |
| P-1  | shallow  | 6.07   | T        |          |         | -         | 9.27                                      | 30.09   | 24.02   | flush                                     | 1.5" pvc  |                                    |
| P-2  | shallow  | WA   |          | <u> </u> |         |           | WA  | 30.19   | , WA  | flush                                     | 1.5" pvc  | Well was sealed on March 29, 1996. |
| Series:  |  |  |          |          |         |           |   |   |   |   |   |                                    |
|  | 1  | l · · · · · · · · · · · · · · · · · · ·      | T        | ;        | T       | :         | A ()                                      | 7 20 00   | N.11  | £t  |   |                                    |
| PI-1<br>V Serie                                      | s:   | ·  | ·r       |          | <u></u> | <u>!</u>  | Ni .                                      | 26.90   | NI  |   | 8" s.steel  |                                    |
| V Serie  | s:   | ·  | I        |          |         | <u>!</u>  |   |   |   |   |   |                                    |
|  |  |  | <u> </u> |          |         |           | 11.47<br>NI                               | 29.77<br>29.51  | 22.52<br>Ni                                     | flush                                     | s.steel   |                                    |
| V Serie  | s:   | 7.25   |          |          |         |           | 11.47                                     | 29.77   | 22.52<br>Ni<br>Ni                               | flush                                     | s.steel   |                                    |
| CW-1<br>CW-2<br>CW-3                                 | s:<br>shallow<br>shallow                                   | 7.25<br>Ni                                   |          |          |         |           | 11.47<br>NI<br>NI<br>11.01                | 29.77<br>29.51<br>29.72<br>28.83                            | 22.52<br>Ni<br>Ni<br>22.57                      | flush<br>flush                            | s.steel<br>s.steel                                  |                                    |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow<br>shallow                              | 7.25<br>NI<br>NI                             |          |          |         |           | 11.47<br>NI<br>NI                         | 29.77<br>29.51<br>29.72                                     | 22.52<br>Ni<br>Ni                               | flush<br>flush<br>flush                   | s.steel<br>s.steel<br>s.steel                       |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | s:<br>shallow<br>shallow<br>shallow<br>shallow             | 7.25<br>Ni<br>Ni<br>Ni<br>6.26<br>Ni         |          |          |         |           | 11.47<br>NI<br>NI<br>11.01                | 29.77<br>29.51<br>29.72<br>28.83<br>28.67                   | 22.52<br>NI<br>NI<br>22.57                      | flush<br>flush<br>flush<br>flush<br>flush | s.steel<br>s.steel<br>s.steel<br>s.steel<br>s.steel |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | s: shallow shallow shallow shallow shallow shallow         | 7.25<br>Ni<br>Ni<br>6.26<br>Ni               |          |          |         |           | 11.47<br>NI<br>NI<br>11.01                | 29.77<br>29.51<br>29.72<br>28.83                            | 22.52<br>NI<br>NI<br>22.57<br>NI                | flush flush flush flush flush flush       | s.steel s.steel s.steel s.steel s.steel             |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5<br>CW-6<br>CW-7 | s: shallow shallow shallow shallow shallow shallow shallow | 7.25<br>NI<br>NI<br>6.26<br>NI<br>NI<br>6.61 |          |          |         |           | 11.47<br>NI<br>NI<br>11.01<br>NI          | 29.77<br>29.51<br>29.72<br>28.83<br>28.67                   | 22.52<br>NI<br>NI<br>22.57                      | flush<br>flush<br>flush<br>flush<br>flush | s.steel s.steel s.steel s.steel s.steel s.steel     |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | s: shallow shallow shallow shallow shallow shallow         | 7.25<br>Ni<br>Ni<br>6.26<br>Ni               |          |          |         |           | 11.47<br>NI<br>NI<br>11.01<br>NI<br>13.98 | 29.77<br>29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | 22.52<br>NI<br>NI<br>22.57<br>NI<br>NI<br>19.52 | flush flush flush flush flush flush flush | s.steel s.steel s.steel s.steel s.steel             |                                    |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/17/2000)

HEXCEL FACILITY

LODI, NEW JERSEY

- -All measurements in feet -All elevations in feet (NGVD)-
- Well ID Type Depth to Depth to Product **Product Thickness** Depth to Elevation Water Well DNAPL : LNAPL DNAPL LNAPL Bottom Water Top of Elevation Construction Comments 07/17/00 07/17/00 Casing 07/17/00 Type : Casing CW Series (continued): CW-11 shallow NI 25.74 NI vaultbox s.steel CW-12 shallow 6.79 13.96 25.71 18.92 flush s.steel Product on probe \* \* NI NI 26.05 CW-13 shallow flush s.steel CW-14 shallow 7.13 13.88 26.37 19.24 s.steel flush CW-15 shallow NI 26.31 flush s.steel CW-16 shallow 7.07 14.03 26.45 19.38 Product on probe\*\* flush s.steel 6.53 13.93 26.25 19.72 CW-17 shallow flush s.steel 26.61 CW-18 shallow flush s.steel 26.50 CW-19 shallow s.steel flush NI 26.74 CW-20 shallow NI N flush s.steel CW-21 shallow ΝI NI 26.77 ΝI flush s.steel CW-22 shallow NI NI 26.35 Ni flush s.steel MW Series: 23.49 32.42 22.26 MW-1 deep 10.16 stickup pvc 7.92 31.00 MW-2 shallow 10.31 23.08 stickup pvc 10.41 30.75 31.13 20.72 MW-3 deep stickup 7.93 9.94 32.34 24.41 MW-4 shallow stickup 28.25 32.54 MW-5 11.23 21.31 deep stickup

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TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/17/2000)

HEXCEL FACILITY

LODI, NEW JERSEY

| /ell ID | Туре     | Depth to | Depth to | Product | Product      | Thickness   | Depth to | Elevation | Water     | W       | el!     |                                       |
|---------|----------|----------|----------|---------|--------------|-------------|----------|-----------|-----------|---------|---------|---------------------------------------|
|         |          | Water    | DNAPL    | LNAPL   | DNAPL        | LNAPL       | Bottom   | Top of    | Elevation | Const   | ruction | Comments                              |
|         | l        | 07/17/00 | L        |         |              | <u> </u>    | 07/17/00 | Casing    | 07/17/00  | Type    | Casing  |                                       |
| V Serie | s (conti | nued):   |          |         |              |             |          |           |           |         |         |                                       |
| MW-6    | shallow  | 10.06    | 18.19    |         | 0.18         |             | 18.37    | 30.74     | 20.68     | stickup | pvc     | DNAPL on probe                        |
| MW-7    | deep     | 9.69     |          |         |              |             | 32.78    | 30.68     | 20.99     | stickup |         |                                       |
| MW-8    | shallow  | 11.32    |          |         |              |             | 17.06    | 30.26     | 18.94     | stickup | pvc     |                                       |
| MW-9    | deep     | 8.86     |          |         |              |             | 29.33    | 29.83     | 20.97     | stickup | pvc     |                                       |
| MW-10   | shallow  | 12.22    |          |         |              |             | 17.04    | 30.83     | 18.61     | stickup | pvc     |                                       |
|         | deep     | 10.11    |          |         |              |             | 33.45    | 30.78     | 20.67     | stickup |         |                                       |
| MW-12   | shallow  | 10.30    |          |         |              |             | 17.00    | 31.01     | 20.71     | stickup | ·       |                                       |
| MW-13   | deep     | 9.85     |          |         |              |             | 33.16    | 31.16     | 21.31     | stickup |         |                                       |
| MW-14   | shallow  | 11.13    |          |         | <del>-</del> |             | 15.63    | 30.70     | 19.57     | stickup | pvc     |                                       |
| MW-15   | deep     | 9.02     |          |         |              |             | 25.61    | 30.77     | 21.75     | stickup | pvc     |                                       |
| MW-16   | shallow  | 6.94     |          |         |              |             | 12.66    | 29.69     | 22.75     | stickup | pvc     |                                       |
| MW-17   | shallow  | 9.53     |          |         |              | <del></del> | 14.05    | 31.44     | 21.91     | stickup | pvc     |                                       |
| MW-18   | shallow  | 8.82     |          |         |              |             | 11.41    | 32.23     | 23.41     | stickup | pvc     |                                       |
| MW-19   | deep     | 7.27     |          |         |              |             | 26.48    | 29.08     | 21.81     | stickup | pvc     |                                       |
| MW-20   | shallow  | 5.26     |          |         |              |             | 19.96    | 27,95     | 22.69     | flush   | pvc     |                                       |
| MW-21   | shallow  | 8.69     |          |         |              |             | 15.11    | 30.67     | 21.98     | stickup | pvc     |                                       |
| MW-22   | shallow  | 5.10     |          |         |              |             | 8.28     | 28.45     | 23.35     | flush   | pvc     |                                       |
| MW-23   | shallow  | 4.26     |          |         |              |             | 9.62     | 27.51     | 23.25     | flush   | pvc     |                                       |
| MW-24   | shallow  | 3.65     |          |         |              |             | 9.58     | 26.51     | 22.86     | flush   | pvc     |                                       |
| MW-25   | shallow  | NA       |          |         |              |             | NA       | 26.03     | NA        | flush   | DVC     | Well on Napp property; access denied. |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/17/2000)

HEXCEL FACILITY

LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID  | Туре     | Depth to | Depth to | Product | Product                                 | Thickness | Depth to | Elevation | Water     | v       | 'ell       |  |
|----------|----------|----------|----------|---------|---|-----------|----------|-----------|-----------|---------|------------|--|
|          |          | Water    | DNAPL    | LNAPL   | DNAPL                                   | LNAPL     | Bottom   | Top of    | Elevation | Const   | ruction    | Comments   |
| _        |          | 07/17/00 |          |         |   |           | 07/17/00 | Casing    | 07/17/00  | Туре    | Casing     |  |
| W Series | e (conti | nued).   |          |         |   |           |          |           |           |         |            |  |
| vv Sene: |          |          |          |         | µ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |           |          |           |           |         |            |  |
| MW-26    | (a)      | 6.99     |          |         |   |           | 17.90    | 28.85     | 21.86     | flush   | 2" pvc     |  |
| MW-27    | shallow  | 7.35     |          |         |   |           | 11.94    | 31.69     | 24.34     | stičkup | pvc        |  |
| MW-28    | shallow  | 10.18    |          |         |   |           | 14.74    | 29.68     | 19.50     | stickup | pvc        |  |
| MW-29    | shallow  | 4.13     |          |         |   |           | 9.37     | 27.32     | 23.19     | flush   | pvc        |  |
| MW-30    | shallow  | 4.88     |          |         |   |           | 10.53    | 28.08     | 23.20     | flush   | pvc        | -  |
|          |          |          |          |         |   |           |          |           |           |         |            |  |
| MW-31    | shallow  | NA       |          |         |   |           | NΑ       | 27:95     | NA        | flush   | pvc        | Well on Napp property; access denied.                |
| MW-32B   | shallow  | 8.20     |          |         |   |           | 11.13    | 31.23     | 23.03     | flush   | pvc        |  |
| MW-33    | shallow  | 9.92     |          |         |   |           | 16.95    | 31.72     | 21.80     | stickup | p∨c        |  |
| Series:  |          |          |          |         |   |           |          |           |           |         |            |  |
| ociics.  |          |          |          |         |   |           |          |           |           |         |            |  |
| PB-1     | shallow  | NA       |          |         |   |           | NA       | 21.78     | NA        | stickup | 2" g.steel | The Building I pit has been rendered inaccessible fo |
| PB-2     | shallow  | NA       |          |         |   |           | NA       | 21.25     | NA        | stickup | 2" g.steel | monitoring. Prior to demolition, the pit was covere  |
|          |          |          |          |         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |           |          |           |           |         |            | with steel plates as a safety precaution and to avo  |
| PB-4     | shallow  | NA       | [        | :       | l                                       |           | NA       | 21.52     | NA        | stickup | 2" g.steel | debris falling into the pit.                         |

NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

- --: Not detected.
- NA: Measurements not available.
- WA: Well Abandoned.
- NI: Well not included in quarterly monitoring.
- (a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/9/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| Veli ID  | Туре    | Depth to    |       | Product  |       | · · · · · · · · · · · · · · · · · · · | i i         | Elevation | Water       | ٧     | /ell     |                                       |
|----------|---------|-------------|-------|----------|-------|---------------------------------------|-------------|-----------|-------------|-------|----------|---------------------------------------|
|          |         | Water       | DNAPL | LNAPL    | DNAPL | LNAPL                                 | Bottom      | Top of    | Elevation   | Cons  | truction | Comments                              |
|          | L       | (10/9/2000) |       |          | L     |                                       | (10/9/2000) | Casing    | (10/9/2000) | Type  | Casing   |                                       |
| N Series |         | _           |       |          |       |                                       |             |           |             |       |          |                                       |
|          | 12      |             |       |          |       |                                       |             |           |             |       |          |                                       |
| RW1-1    | shallow | 4.91        |       |          |       |                                       | 13.89       | 28.24     | 23.33       | flush | s.steel  |                                       |
| RW6-1    | shallow | 2.64        |       |          |       |                                       | 13.68       | 28.86     | 26.22       | flush | s.steel  |                                       |
| RW6-2    | shallow | 2.46        |       |          |       |                                       | 12.92       | 28.99     | 26.53       | flush | s.steel  |                                       |
| RW6-3    | shallow | 3.51        |       |          |       |                                       | 5.45        | 28.67     | 25.16       | flush | s.steel  |                                       |
| RW7-1    | shallow | 5.78        |       |          |       |                                       | 16.58       | 26.25     | 20.47       | flush | s.steel  |                                       |
| RW7-2    | shallow | 6.31        |       |          |       |                                       | 16.84       | 26.48     | 20.17       | flush | s.steel  |                                       |
| RW7-3    | shallow | 6.62        |       |          |       |                                       | 17.22       | 26.78     | 20.16       | flush | s.steel  | Sheen                                 |
| RW7-4    | shallow | 6.95        |       |          |       |                                       | 19.02       | 27.11     | 20.16       | flush | s.steel  | · · · · · · · · · · · · · · · · · · · |
| RW7-5    | shallow | 7.55        |       | <u></u>  |       |                                       | 19.11       | 27.57     | 20.02       | flush | s.steel  |                                       |
| RW7-6    | shallow | . 7.06      |       | <u></u>  |       |                                       | 15.02       | 26.48     | 19.42       | flush | s.steel  |                                       |
| RW7-7    | shallow | 7.10        |       |          |       | -                                     | 14.89       | 26.89     | 19.79       | flush | s.steel  |                                       |
| RW7-8    | shallow | 5.45        |       |          |       |                                       | 14.96       | 25.90     | 20.45       | flush | s.steel  | Sheen                                 |
| RW7-9    | shallow | 7.15        |       | <u> </u> |       |                                       | 16.19       | 26.87     | 19.72       | flush | s.steel  |                                       |
|          |         | 7.32        |       |          |       |                                       | 14.20       | 26.10     | 18.78       | flush | s.steel  |                                       |
| RW15-1   | shallow | 6.62        |       | <u> </u> |       |                                       | 14.91       | 29.95     | 23.33       | flush | s.steel  |                                       |
| RW15-2   | shallow | NI          |       | <u> </u> |       | :                                     | NI          | 30.15     | NI          | flush | s.steel  |                                       |

# TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/9/2000) HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

| W       | /ell ID                              | Туре   | Depth to                             | Depth to | Product | Product - | Thickness | Depth to                               | Elevation  | Water  | ν                                       | Vell  | ,                                  |
|---------|--------------------------------------|--|--------------------------------------|----------|---------|-----------|-----------|--|--|--|---|---|------------------------------------|
|         | •                                    |  | Water                                |          | LNAPL   | DNAPL     | LNAPL     | Bottom                                 | Top of   | Elevation                                    | . Cons                                  | truction  | Comments                           |
|         |                                      |  | (10/9/2000)                          |          |         |           |           | (10/9/2000)                            | Casing   | (10/9/2000)                                  | Type                                    | Casing  | <u> </u>                           |
| S       | eries:                               |  | ,                                    |          |         |           |           |  |  |  |   |   |                                    |
| 1       | P-1                                  | shallow  | 6.57                                 |          |         |           |           | 9.30                                   | 30.09  | 23.52  | flush                                   | 1.5" pvc  |                                    |
| -       | P-2                                  | shallow  | WA                                   |          |         |           |           | WA                                     | 30.19  | WA   | flush                                   | 1.5" pvc  | Well was sealed on March 29, 1996. |
| r<br>r  | Series:                              |  | I                                    |          |         | I         |           | - NI                                   | 26.00  | · · · · · · · · · · · · · · · · · · ·        |   |   |                                    |
| - 1     |                                      | deep   | 1 1311                               |          | :       |           | •         | l Ni l                                 | 26.90  | l Ni l                                       | tlush                                   | 8" s.steel  |                                    |
| L.<br>W | PI-1<br>Series                       | .l<br>   | L                                    |          |         |           |           |  |  | · · · · · · · · · · · · · · · · · · ·        |   | ······································                          |                                    |
| w.      |                                      | .l<br>   | 7.38<br>NI                           |          |         |           |           | 11.51<br>NI                            | 29.77<br>29.51                                     | 22.39<br>Ni                                  | flush<br>flush                          | s.steel   |                                    |
| <br>w   | CW-1<br>CW-2<br>CW-3                 | shallow  | NI<br>NI                             |          |         |           |           |  | 29.51<br>29.72                                     | NI<br>Ni                                     | • | s.steel<br>s.steel  |                                    |
| <br>w   | CW-1                                 | shallow  | NI                                   |          |         |           |           | NI                                     | 29.51<br>29.72<br>28.83                            | NI   | flush                                   | s.steel<br>s.steel<br>s.steel                                   |                                    |
| :w      | CW-1<br>CW-2<br>CW-3                 | shallow<br>shallow<br>shallow                                  | NI<br>NI                             |          |         |           |           | NI<br>NI                               | 29.51<br>29.72                                     | NI<br>Ni                                     | flush<br>flush                          | s.steel<br>s.steel<br>s.steel                                   |                                    |
|         | CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow                       | NI<br>NI<br>6.24                     |          |         |           |           | NI<br>NI<br>11.03                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>22.59<br>NI                      | flush<br>flush<br>flush                 | s.steel s.steel s.steel s.steel                                 |                                    |
|         | CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | NI<br>NI<br>6.24<br>NI               |          |         |           |           | NI<br>NI<br>11.03<br>Ni                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>Ni<br>22.59<br>NI                      | flush<br>flush<br>flush<br>flush        | s.steel s.steel s.steel s.steel s.steel s.steel                 |                                    |
|         | CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | NI<br>NI<br>6.24<br>NI               |          |         |           |           | NI<br>NI<br>11.03<br>NI                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>Ni<br>22.59<br>NI<br>NI                | flush<br>flush<br>flush<br>flush        | s.steel s.steel s.steel s.steel s.steel s.steel                 |                                    |
|         | CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | NI<br>NI<br>6.24<br>NI<br>NI<br>7.44 |          |         |           |           | NI<br>NI<br>11.03<br>NI<br>NI<br>14.02 | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>22.59<br>NI<br>NI<br>NI<br>18.69 | flush flush flush flush flush           | s.steel s.steel s.steel s.steel s.steel s.steel s.steel s.steel |                                    |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/9/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| ell ID   | Туре            | Depth to    | Depth to                                | Product | Product | Thickness | Depth to    | Elevation | Water       | W        | /ell    | 1                  |
|----------|-----------------|-------------|---|---------|---------|-----------|-------------|-----------|-------------|----------|---------|--------------------|
|          |                 | Water       | DNAPL                                   |         | DNAPL   | LNAPL     | Bottom      | Top of    | Elevation   | Const    | ruction | Comments           |
|          |                 | (10/9/2000) |   |         |         |           | (10/9/2000) | Casing    | (10/9/2000) | Туре     | Casing  |                    |
| Series   | (contin         | ued):       |   |         |         |           |             |           | ·           |          |         |                    |
| CW-11    | shallow         | NI          |   |         |         | :         | Ni          | 25.74     | NI          | vaultbox | s.steel |                    |
| CW-12    | shallow         | 7.32        |   |         |         |           | 13.91       | 25.71     | 18.39       | flush    | s.steel | Product on probe** |
| CW-13    | shallow         | NI          |   |         |         |           | NI          | 26.05     | NI          | flush    | s.steel |                    |
| CW-14    | shallow         | 8.01        |   |         |         |           | 13.86       | 26.37     | 18.36       | flush    | s.steel |                    |
| CW-15    | shallow         | NI          | ••••••                                  |         |         | <br>      | NI          | 26.31     | NI          | flush    | s.steel |                    |
| CW-16    | shallow         | 7.86        |   |         |         | <u>.</u>  | 14.01       | 26.45     | 18.59       | flush    | s.steel | Product on probe** |
| CW-17    | shallow         | 7.15        |   |         |         | <u> </u>  | 13.97       | 26.25     | 19.10       | flush    | s.steel |                    |
| CW-18    | shallow         | NI          | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         |         | <u>.</u>  | NI          | 26.61     | Ni          | flush    | s.steel |                    |
| CW-19    | shallow         | NI          |   |         |         | <u> </u>  | NI          | 26.50     | NI          | flush    | s.steel |                    |
| CW-20    | shallow         | NI          |   |         |         |           | Ni          | 26.74     | NI NI       | flush    | s.steel |                    |
| CW-21    | shallow         | NI          |   |         |         | <u>:</u>  | NI          | 26.77     | Ni          | flush    | s.steel |                    |
| CW-22    | shallow         | NI          |   |         | 1       | <u> </u>  | NI          | 26.35     | NI          | flush    | s.steel |                    |
| / Series | s: <sup>′</sup> |             |   |         |         |           |             |           |             |          |         | <u>.</u>           |
| MW-1     | deep            | 10.26       |   |         |         |           | 23.55       | 32.42     | 22.16       | stickup  | pvc     |                    |
| MW-2     | shallow         | 8.14        | <i></i>                                 |         |         | <u></u>   | 10.35       | 31.00     | 22.86       | stickup  | pvc     |                    |
| MW-3     | deep            | 10.65       |   |         |         |           | 30.80       | 31.13     | 20.48       | stickup  | pvc     |                    |
| MW-4     | shallow         | 8.02        |   |         |         |           | 9.96        | 32.34     | 24.32       | stickup  | pvc     |                    |
| MW-5     | deep            | 11.51       |   |         |         | <u></u>   | 28.45       | 32.54     | 21.03       | stickup  | DVC     |                    |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/27/99)

HEXCEL FACILITY

LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре    | Depth to   |       | Product |       | Thickness | Depth to   | Elevation | Water      |       | Vell     |                  |
|----------|---------|------------|-------|---------|-------|-----------|------------|-----------|------------|-------|----------|------------------|
|          |         | Water      | DNAPL | LNAPL   | DNAPL | LNAPL     | Bottom     | Top of    | Elevation  | Cons  | truction | Comments         |
|          | L       | (10/27/99) |       |         |       |           | (10/27/99) | Casing    | (10/27/99) | Type  | Casing   |                  |
| RW Serie | es:     |            |       |         |       |           |            |           |            |       |          |                  |
|          | \o      |            |       |         |       |           |            |           |            |       |          | H. B             |
| RW1-1    | shallow | 4.16       |       |         |       |           | 13.30      | 28.24     | 24.08      | flush | s.steel  |                  |
| RW6-1    | shallow | 2.39       |       |         |       |           | 13.74      | 28.86     | 26.47      | flush | s.steel  |                  |
| RW6-2    | shallow | 2.25       |       |         |       |           | 12.84      | 28.99     | NA         | flush | s.steel  |                  |
| RW6-3    | shallow | 2.31       |       |         |       |           | 5.39       | 28.67     | 26.36      | flush | s.steel  |                  |
| RW7-1    | shallow | 4.87       |       |         |       |           | 16.75      | 26.25     | 21.38      | flush | s.steel  |                  |
| RW7-2    | shallow | 5.87       |       |         |       |           | 16.89      | 26.48     | 20.61      | flush | s.steel  |                  |
| RW7-3    | shallow | 6.22       |       |         |       |           | 17.32      | 26.78     | 20.56      | flush | s.steel  | DNAPL on Probe** |
| RW7-4    | shallow | 6.53       |       |         |       |           | 19.20      | 27.11     | 20.58      | flush | s.steel  |                  |
| RW7-5    | shallow | 7.08       |       |         |       |           | 19.40      | 27.57     | 20.49      | flush | s.steel  |                  |
| RW7-6    | shallow | 6.75       | ,     |         |       |           | 15.05      | 26.48     | 19.73      | flush | s.steel  |                  |
| RW7-7    | shallow | 6.61       |       |         |       |           | 14.94      | 26.89     | 20.28      | flush | s.steel  |                  |
| RW7-8    | shallow | 5.06       |       |         |       |           | 15.00      | 25.90     | 20.84      | flush | s.steel  |                  |
| RW7-9    | shallow | 6.73       |       |         |       |           | 16.24      | 26.87     | 20.14      | flush | s.steel  |                  |
| RW7-10   | shallow | 7.10       |       |         |       |           | 14.24      | 26.10     | 19.00      | flush | s.steel  |                  |
| RW15-1   | shallow | 5.62       |       |         |       |           | 14.94      | 29.95     | 24.33      | flush | s.steel  |                  |
| RW15-2   | shallow | NI         |       |         |       | ,         | NI         | 30.15     | NI         | flush | s.steel  |                  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/27/99)
HEXCEL FACILITY
LODI, NEW JERSEY

| Nell ID  | Туре  | Depth to                                     | Depth to | Product | Product  | Thickness | Depth to                               | Elevation  | Water                                  | v   | Vell  | ·                                  |
|--|---|--|----------|---------|----------|-----------|--|--|--|---|---|------------------------------------|
|  | · 1   | Water  | DNAPL    | LNAPL   | DNAPL    | LNAPL     | Bottom                                 | Top of   | Elevation                              | Cons                                      | truction  | Comments                           |
|  |   | (10/27/99)                                   |          |         |          |           | (10/27/99)                             | Casing   | (10/27/99)                             | Туре                                      | Casing  | 1                                  |
| Series:  | <b>.</b>  | e <sup>t</sup> y e                           |          |         |          |           |  |  |  | •   |   |                                    |
| P-1  | shallow   | 5.75   |          |         |          |           | 9.41                                   | 30.09  | 24.34                                  | flush                                     | 1.5" pvc  | I                                  |
| P-2  | shallow   | WA   |          |         |          |           | WA                                     | 30.19  | WA                                     | flush                                     | 1.5" pvc  | Well was sealed on March 29, 1996. |
| Series   | 1   | NI   | I        |         | <u> </u> | <u></u>   | NI                                     | 26.90  | NI                                     | flush                                     | 8" s.steel                                      |                                    |
|  |   |  | I        |         | I        | ·         |  |  |  |   |   |                                    |
| W Serie  | es:   |  |          |         | 1        |           |  |  |  | ·   |   | T                                  |
| W Serie  | es:   | 6.84   |          |         |          |           | 11.52                                  | 29.77  | 22.93                                  | flush                                     | s.steel   |                                    |
| W Serie  | es:<br>shallow<br>shallow   | 6.84<br>NI                                   |          |         |          |           | NI                                     | 29.51  | NI                                     | flush                                     | s.steel   |                                    |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow<br>shallow   | 6.84<br>NI<br>NI                             |          |         |          |           | NI<br>NI                               | 29.51<br>29.72                                     | NI<br>Ni                               | flush<br>flush                            | s.steel<br>s.steel                              |                                    |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow<br>shallow<br>shallow                                  | 6.84<br>NI<br>NI<br>5.78                     |          |         |          |           | NI<br>NI<br>11.02                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>23.05                      | flush<br>flush<br>flush                   | s.steel<br>s.steel<br>s.steel                   |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4                         | shallow<br>shallow<br>shallow   | 6.84<br>NI<br>NI<br>5.78                     |          |         |          |           | NI<br>NI<br>11.02                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>23.05                      | flush<br>flush                            | s.steel<br>s.steel                              |                                    |
| CW-1 CW-2 CW-3 CW-4 CW-5                             | shallow<br>shallow<br>shallow<br>shallow                                  | 6.84<br>NI<br>NI<br>5.78<br>NI               |          |         |          |           | NI<br>NI<br>11.02                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>23.05<br>NI                | flush<br>flush<br>flush                   | s.steel<br>s.steel<br>s.steel                   |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow                       | 6.84<br>NI<br>NI<br>5.78<br>NI<br>NI<br>7.25 |          |         |          |           | NI<br>NI<br>11.02<br>NI                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>NI<br>23.05<br>NI                | flush<br>flush<br>flush<br>flush          | s.steel<br>s.steel<br>s.steel<br>s.steel        |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5<br>CW-6<br>CW-7 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | 6.84<br>NI<br>NI<br>5.78<br>NI<br>NI<br>7.25 |          |         |          |           | NI<br>NI<br>11.02<br>NI                | 29.51<br>29.72<br>28.83<br>28.67<br>28.93          | NI<br>NI<br>23.05<br>NI<br>NI          | flush<br>flush<br>flush<br>flush<br>flush | s.steel s.steel s.steel s.steel                 |                                    |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | 6.84<br>NI<br>NI<br>5.78<br>NI<br>NI<br>7.25 |          |         | <br>     |           | NI<br>NI<br>11.02<br>NI<br>NI<br>14.03 | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>23.05<br>NI<br>NI<br>18.88 | flush flush flush flush flush flush       | s.steel s.steel s.steel s.steel s.steel s.steel |                                    |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/27/99)
HEXCEL FACILITY
LODI, NEW JERSEY

|           |          |            |          |         |                      |           |   |           |   | Ì        |                 |                  |
|-----------|----------|------------|----------|---------|----------------------|-----------|---|-----------|---|----------|-----------------|------------------|
| Well ID   | Туре     | Depth to   | Depth to | Product | Product <sup>*</sup> | Thickness | Depth to                                | Elevation | Water                                   | w        | /ell            |                  |
|           |          | Water      | DNAPL    | LNAPL   | DNAPL                | LNAPL     | Bottom                                  | Top of    | Elevation                               | Const    | ruction         | Comments         |
|           |          | (10/27/99) |          |         |                      |           | (10/27/99)                              | Casing    | (10/27/99)                              | Туре     | Casing          |                  |
| NA/ Corio | s (conti | nued):     |          |         |                      |           |   |           |   |          |                 |                  |
| AA Gene   | s (Cona  | nucu).     |          |         |                      |           |   |           |   |          |                 |                  |
| CW-11     | shallow  | NI         |          |         |                      |           | NI                                      | 25.74     | NI                                      | vaultbox | s.steel         |                  |
| CW-12     | shallow  | 7.20       |          |         |                      |           | 14.04                                   | 25.71     | 18.51                                   | flush    | s.steel         | DNAPL on Probe** |
| CW-13     | shallow  | NI         |          |         |                      |           | NI                                      | 26.05     | NI                                      | flush    | s.steel         |                  |
| CW-14     | shallow  | 7.80       |          |         |                      |           | 13.95                                   | 26.37     | 18.57                                   | flush    | s.steel         |                  |
| CW-15     | shallow  | NI         |          |         |                      |           | NI                                      | 26.31     | NI                                      | flush    | s.steel         |                  |
|           |          |            |          |         |                      |           |   |           | *************************************** |          |                 |                  |
| CW-16     | shallow  | 7.55       |          |         |                      |           | 13.98                                   | 26.45     | 18.90                                   | flush    | s.steel         | DNAPL on Probe** |
| CW-17     | shallow  | 6.88       |          |         |                      |           | 14.00                                   | 26.25     | 19.37                                   | flush    | s.steel         |                  |
| CW-18     | shallow  | NI         |          |         |                      |           | NI                                      | 26.61     | NI                                      | flush    | s.steel         |                  |
| CW-19     | shallow  | NI         |          |         |                      |           | NI                                      | 26.50     | NI                                      | flush    | s.steel         |                  |
| CW-20     | shallow  | NI         |          |         |                      |           | NI                                      | 26.74     | Ni                                      | flush    | s.steel         | -                |
| CW-21     | shallow  | NI         |          |         |                      |           | Ni                                      | 26.77     | NI                                      | flush    | s.steel         |                  |
| CW-22     |          | NI         |          |         |                      |           | NI                                      | 26.35     | Nł                                      | flush    | s.steel         |                  |
|           |          |            | ••••••   |         |                      |           |   |           |   |          |                 |                  |
| IW Serie  | es:      |            |          |         |                      |           |   |           |   |          |                 |                  |
| MW-1      | deep     | 9.80       |          |         |                      |           | 23.56                                   | 32.42     | 22.62                                   | stickup  | pvc             | T T              |
| MW-2      | shallow  | 7.29       |          |         |                      |           | 10.22                                   | 31.00     | 23.71                                   | stickup  | pvc             |                  |
| MW-3      | deep     | 7.15       |          |         |                      |           | 30.78                                   | 31.13     | 23.98                                   | stickup  |                 |                  |
| MW-4      | shallow  | 7.61       |          |         | ~-                   |           | 9.90                                    | 32.34     | 24.73                                   | stickup  | pvc             |                  |
| MW-5      | deep     | 11.43      |          |         |                      |           | 28.45                                   | 32.54     | 21.11                                   | stickup  | pvc             |                  |
|           |          |            |          |         |                      |           | *************************************** |           |   | l''''''  | *************** | <u> </u>         |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/9/2000)
HEXCEL FACILITY
LODI, NEW JERSEY

| /ell ID  | Туре    | Depth to    | Depth to | Product | Product | Thickness | Depth to    | Elevation | Water       | w       | 'ell    |                                       |
|----------|---------|-------------|----------|---------|---------|-----------|-------------|-----------|-------------|---------|---------|---------------------------------------|
|          |         | Water       | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom      | Top of    | Elevation   | Const   | ruction | Comments                              |
|          |         | (10/9/2000) |          |         |         |           | (10/9/2000) | Casing    | (10/9/2000) | Туре    | Casing  |                                       |
| N Series | (contin | nued):      |          |         |         |           |             |           |             |         |         |                                       |
| MW-6     | shallow | 10.13       | 17.99    |         | 0.35    | -         | 18.34       | 30.74     | 20.61       | stickup | bvc     | DNAPL on Probe                        |
| MW-7     | deep    | 10.01       |          |         |         | -         | 32.94       | 30.68     | 20.67       | stickup | pvc     |                                       |
| MW-8     | shallow | 11.98       |          |         |         |           | 17.35       | 30.26     | 18.28       | stickup | pvc     |                                       |
| MW-9     | deep    | 9.15        |          |         |         | -         | 29.61       | 29.83     | 20.68       | stickup | pvc     |                                       |
| MW-10    | shallow | 12.64       |          |         | ·       | -         | 16.78       | 30.83     | 18.19       | stickup | pvc     |                                       |
|          | deep    | 10.35       |          |         |         |           | 33.61       | 30.78     | 20.43       | stickup | pvc     |                                       |
| MW-12    | shallow | 10.76       |          |         |         |           | 17.01       | 31.01     | 20.25       | stickup | pvc     |                                       |
| MW-13    | deep    | 10.07       |          |         |         |           | 33.23       | 31.16     | 21.09       | stickup | pvc     |                                       |
| MW-14    | shallow | 11.67       |          |         |         | -         | 15.67       | 30.70     | 19.03       | stickup | pvc     |                                       |
| MW-15    | deep    | 9.23        |          |         |         | -         | 25.61       | 30.77     | 21.54       | stickup | pvc     |                                       |
| MW-16    | shallow | 6.89        |          |         |         |           | 12.35       | 29.69     | 22.80       | stickup | pvc     |                                       |
| MW-17    | shallow | 9.47        |          |         |         |           | 14.19       | 31.44     | 21.97       | stickup | pvc     | Product on Probe**                    |
| MW-18    | shallow | 9.10        |          |         |         |           | 11.42       | 32.23     | 23.13       | stickup | pvc     |                                       |
| MW-19    | deep    | 7.45        |          |         |         | -         | 26.61       | 29.08     | 21.63       | stickup | pvc     |                                       |
| MW-20    | shallow | 4.61        |          |         |         |           | 20.05       | 27.95     | 23.34       | flush   | pvc     |                                       |
| MW-21    | shallow | 8.84        |          |         |         | }<br>     | 15.13       | 30.67     | 21.83       | stickup | pvc     |                                       |
| MW-22    | shallow | NA          |          |         |         | <u> </u>  | NA          | 28.45     | NA          | flush   | pvc     | Unable to check, car parked on well.  |
| MW-23    | shallow | 4.65        |          |         |         |           | 9.66        | 27.51     | 22.86       | flush   | pvc     |                                       |
| MW-24    | shallow | 3.91        |          |         |         |           | 4.59        | 26.51     | 22.60       | flush   | pvc     |                                       |
| MW-25    | shallow | NA          |          |         |         |           | NA          | 26.03     | NA          | flush   | pvc     | Well on Napp property; access denied. |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/9/2000)

HEXCEL FACILITY

LODI, NEW JERSEY

| Well ID  | Туре    | Depth to    | Depth to | Product | Product | Thickness | Depth to    | Elevation | Water       | w       | 'ell       |  |
|----------|---------|-------------|----------|---------|---------|-----------|-------------|-----------|-------------|---------|------------|--|
|          |         | Water       | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom      | Top of    | Elevation   | Const   | ruction    | Comments   |
|          |         | (10/9/2000) |          |         |         |           | (10/9/2000) | Casing    | (10/9/2000) | Туре    | Casing     |  |
| N Series | (contin | nued):      |          |         |         |           |             |           |             |         |            |  |
| MW-26    | (a)     | 11,20       |          |         |         |           | 17.91       | 28.85     | 17.65       | flush   | 2" pvc     | Product on Probe**   |
| MW-27    | shallow | 7.45        |          |         |         |           | 11.97       | 31.69     | 24.24       | stickup | pvc        |  |
| MW-28    | shallow | 10.76       |          |         |         |           | 14.96       | 29.68     | 18.92       | stickup | pvc        |  |
| MW-29    | shallow | 4.36        |          |         |         |           | 9.34        | 27.32     | 22.96       | flush   | pvc        |  |
| MW-30    | shallow | 5.18        |          |         |         |           | 10.53       | 28.08     | 22.90       | flush   | pvc        |  |
| MW-31    | shallow | NA          |          |         |         |           | NA          | 27.95     | NA          | flush   | pvc        | Well on Napp property; access denied.  |
| MW-32B   | shallow | 8.39        |          |         |         |           | 11.21       | 31.23     | 22.84       | flush   | pvc        |  |
| MW-33    | shallow | 10.02       |          |         |         |           | 16.96       | 31.72     | 21.70       | stickup | pvc        |  |
| Series:  |         |             |          |         |         |           |             |           |             |         |            |  |
| PB-1     | shallow | NA          |          |         |         |           | NA          | 21.78     | NA          | stickup | 2" g.steel | The Building I pit has been rendered inaccessible t                              |
| PB-2     | shallow | NA          |          |         |         |           | NA          | 21.25     | NA          | ••••••• |            | monitoring. Prior to demolition, the pit was covere                              |
| PB-4     | shallow | NA          |          |         |         |           | NA NA       | 21.52     | NA          | etickup |            | with steel plates as a safety precaution and to avoidebris falling into the pit. |

#### NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

- --: Not detected.
- NA: Measurements not available.
- WA: Well Abandoned.
- NI: Well not included in quarterly monitoring.
- (a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (April 2001)

HEXCEL FACILITY

LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID  | Туре    | Depth to                                | Depth to | Product  | Product | Thickness                               | Depth to     | Elevation | Water        | Įν                                      | Vell     |   |
|----------|---------|---|----------|----------|---------|---|--------------|-----------|--------------|---|----------|---|
|          |         | Water                                   | DNAPL    | LNAPL    | DNAPL   | LNAPL                                   | Bottom       | Top of    | Elevation    | Cons                                    | truction | Comments                                |
|          |         | (April 2001)                            | L        |          |         | <u> </u>                                | (April 2001) | Casing    | (April 2001) | Type                                    | Casing   |   |
| V Series | :       |   |          |          | ,       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |              |           | , <u>.</u>   |   |          |   |
| .        | 5,6     |   |          |          |         |   | }            |           |              |   |          |   |
| RW1-1    | shallow | . 4.49                                  |          |          |         |   | 13.73        | 28.24     | 23.75        | flush                                   | s.steel  | ·                                       |
|          |         | *************************************** |          |          |         | <u> </u>                                | 13.57        |           |              |   |          |   |
| RW6-1    | shallow | 1.91                                    |          |          |         |   | 12.87        | 28.86     | 26.95        | flush                                   | s.steel  |   |
| RW6-2    | shallow | 1.83                                    |          |          |         |   | 5.31         | 28.99     | 27.16        | flush                                   | s.steel  |   |
| RW6-3    | shallow | 2.45                                    |          |          |         |   |              | 28.67     | 26.22        | flush                                   | s.steel  |   |
| RW7-1    | shallow | 5.68                                    |          |          |         | <u>.</u>                                | 16.44        | 26.25     | 20.57        | flush                                   | s.steel  |   |
| RW7-2    | shallow | 5.89                                    |          |          |         |   | 16.71        | 26.48     | 20.59        | flush                                   | s.steel  |   |
| RW7-3    | shallow | 6.22                                    |          |          |         |   | 17.03        | 26.78     | 20.56        | flush                                   | s.steel  | ••••••••••••••••••••••••••••••••••••••• |
| RW7-4    | shallow | 6.59                                    |          |          |         |   | 18.89        | 27.11     | 20.52        | flush                                   | s.steel  |   |
| RW7-5    | shallow | NA                                      |          |          |         |   | NA           | 27.57     | NA           | flush                                   | s.steel  |   |
|          |         |   |          | <u> </u> |         |   |              |           |              | • |          |   |
| RW7-6    | shallow | 6.53                                    |          |          |         | ļ                                       | 14.77        | 26.48     | 19.95        | flush                                   | s.steel  |   |
| RW7-7    | shallow | 6.62                                    |          |          |         | ļ                                       | 14.01        | 26.89     | 20.27        | flush                                   | s.steel  |   |
| RW7-8    | shallow | 5.27                                    |          |          |         | <u> </u>                                | 14.82        | 25.90     | 20.63        | flush                                   | s.steel  |   |
| RW7-9    | shallow | 6.65                                    |          |          |         | <u> </u>                                | 16.02        | 26.87     | 20.22        | flush                                   | s.steel  |   |
| RW7-10   | shallow | 6.60                                    |          |          |         |   | 14.04        | 26.10     | 19.50        | flush                                   | s.steel  |   |
| RW15-1   | shallow | 5.80                                    |          |          |         |   | 14.76        | 29.95     | 24.15        | flush                                   | s.steel  |   |
| RW15-2   | shallow | NI                                      |          | -        |         | Ĭ                                       | NI           | 30.15     | NI           | flush                                   | s.steel  |   |

# 882010290

# TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (April 2001) HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

| Vell ID  | Туре  | Depth to                             | Depth to    | Product                                | Product | Thickness                             | Depth to                               | Elevation  | Water                                  | ٧                                   | /ell  | •                                 |
|--|---|--------------------------------------|-------------|--|---------|---------------------------------------|--|--|--|-------------------------------------|---|-----------------------------------|
|  |   | Water                                | DNAPL       | LNAPL                                  | DNAPL   | LNAPL                                 | Bottom                                 | Top of   | Elevation                              | Cons                                | truction  | Comments                          |
|  |   | (April 2001)                         |             |  |         |                                       | (April 2001)                           | Casing   | (April 2001)                           | Туре                                | Casing  |                                   |
| Series:  | V   |                                      |             |  |         |                                       |  |  | •                                      |                                     |   |                                   |
| P-1  | shallow   | 5.97                                 |             |  |         |                                       | 9.17                                   | 30.09  | 24.12                                  | flush                               | 1.5" pvc  |                                   |
| P-2  | shallow   | WA                                   |             |  |         | :                                     | WA                                     | 30.19  | WA                                     | flush                               | 1.5" pvc  | Well was sealed on 29 March 1996. |
| Series:  | deep  | I NI                                 | J           | ······································ | 1       | ĭ                                     | l Ni                                   | 26.90  | NI                                     | fluob                               | 8" s.steel  |                                   |
|  |   |                                      | <del></del> |  |         |                                       | <del></del>                            |  |  |                                     |   |                                   |
| V Serie:   | s:  |                                      | · · ·       |  |         |                                       |  |  |  | <u> </u>                            |   |                                   |
|  | I   | 7 15                                 | T           |  | T       | · · · · · · · · · · · · · · · · · · · | 11 37                                  | 29 77  | 22.62                                  |                                     | s stool   |                                   |
| CW-1   | shallow   | 7.15                                 |             |  |         |                                       | 11.37                                  | 29.77<br>29.51                                     | 22.62<br>NI                            | flush                               | s.steel   |                                   |
| <br>CW-1   | shallow<br>shallow  |                                      |             |  |         | <u></u>                               | 11.37<br>N!<br>NI                      | 29.77<br>29.51<br>29.72                            |  | flush<br>flush                      | s.steel<br>s.steel  |                                   |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow  | NI                                   |             |  |         |                                       | NI                                     | 29.51  | NI                                     | flush                               | s.steel   |                                   |
| CW-1<br>CW-2<br>CW-3                                 | shallow<br>shallow<br>shallow   | NI<br>NI                             |             |  |         |                                       | N!<br>NI                               | 29.51<br>29.72                                     | NI<br>NI                               | flush<br>flush<br>flush             | s.steel<br>s.steel<br>s.steel   |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow                                  | NI<br>NI<br>6.16                     |             |  |         |                                       | NI<br>NI<br>10.91                      | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>NI<br>22.67                      | flush<br>flush<br>flush<br>flush    | s.steel s.steel s.steel s.steel   |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow                       | NI<br>NI<br>6.16<br>NI               |             |  |         |                                       | NI<br>NI<br>10.91<br>NI                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>NI<br>22.67<br>NI                | flush<br>flush<br>flush<br>flush    | s.steel s.steel s.steel s.steel s.steel                                 |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5                 | shallow<br>shallow<br>shallow<br>shallow<br>shallow                       | NI<br>NI<br>6.16<br>NI<br>NI<br>6.51 |             |  |         |                                       | NI<br>NI<br>10.91<br>NI                | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>22.67<br>NI<br>NI<br>19.62 | flush flush flush flush flush       | s.steel s.steel s.steel s.steel s.steel s.steel                         |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5<br>CW-6<br>CW-7 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | NI<br>NI<br>6.16<br>NI<br>NI<br>6.51 |             |  |         |                                       | NI<br>NI<br>10.91<br>NI<br>NI<br>13.88 | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>22.67<br>NI<br>NI<br>19.62 | flush flush flush flush flush flush | s.steel s.steel s.steel s.steel s.steel s.steel s.steel s.steel s.steel |                                   |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (April 2001)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID   | Type      | Depth to<br>Water | Depth to | Product                               | Product<br>DNAPL                        | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of | Water<br>Elevation | 1                                       | ell<br>ruction | Comments         |
|-----------|-----------|-------------------|----------|---------------------------------------|---|--------------------|--------------------|---------------------|--------------------|---|----------------|------------------|
|           |           | (April 2001)      | DINAFL   | LIVAFL                                | DINAPL                                  | LINAFL             | (April 2001)       | Casing              | (April 2001)       | • | Casing         | Comments         |
|           | l         | (April 2001)      |          |                                       |   | <u>i</u>           | (April 2001)       | Casing              | (April 2001)       | T Type :                                | Casing         | <u> </u>         |
| V Series  | s (contir | nued):            |          |                                       |   |                    |                    |                     |                    |   |                |                  |
| CW-11     | shallow   | NI                |          |                                       | ***************                         |                    | N!                 | 25.74               | Ni                 | vaultbox                                | s.steel        |                  |
| CW-12     | shallow   | 6.69              |          |                                       |   |                    | 13.86              | 25.71               | 19.02              | flush                                   | s.steel        | DNAPL on Probe** |
| CW-13     | shallow   | NI                |          |                                       |   |                    | NI                 | 26.05               | NI                 | flush                                   | s.steel        |                  |
| CW-14     | shallow   | 7.03              |          |                                       |   |                    | 13.78              | 26.37               | 19.34              | flush                                   | s.steel        |                  |
| CW-15     | shallow   | NI                |          |                                       |   |                    | NI                 | 26.31               | NI                 | flush                                   | s.steel        |                  |
|           |           |                   |          |                                       |   |                    |                    |                     |                    |   | ·····          |                  |
| CW-16     | shallow   | 6.97              |          |                                       |   |                    | 13.93              | 26.45               | 19.48              | flush                                   | s.steel        | DNAPL on Probe** |
| CW-17     | shallow   | 6.43              |          |                                       |   |                    | 13.83              | 26.25               | 19.82              | flush                                   | s.steel        |                  |
| CW-18     | shallow   | NI                |          | <u> </u>                              |   | <u> </u>           | NI                 | 26.61               | NI                 | flush                                   | s.steel        |                  |
| CW-19     | shallow   | NI                |          |                                       |   | <u> </u>           | NI                 | 26.50               | NI                 | flush                                   | s.steel        |                  |
| CW-20     | shallow   | NI                |          | ļ                                     | *************************************** | <u></u>            | NI                 | 26.74               | Ni                 | flush                                   | s.steel        |                  |
| <br>CW-21 | shallow   | Ni                |          | <u>:</u><br>:                         |   | <u> </u>           | NI                 | 26.77               | NI                 | flush                                   | s.steel        |                  |
|           | shallow   | NI                | ······   | <br>:                                 | •••••                                   |                    | NI                 | 26.35               | NI                 | flush                                   |                |                  |
|           | I         | ł                 | L        | <u>·</u>                              |   | ±                  | 4                  |                     |                    |   |                |                  |
|           |           |                   |          |                                       |   |                    |                    |                     |                    |   |                | <u> </u>         |
| N Serie   | s:        |                   |          |                                       |   |                    |                    |                     |                    |   |                |                  |
| MW-1      | deep      | 10.06             |          |                                       |   |                    | 23.39              | 32.42               | 22.36              | stickup                                 | pvc            |                  |
| MW-2      | shallow   | 7.82              |          |                                       |   |                    | 10.21              | 31.00               | 23.18              | stickup                                 | pvc            |                  |
| MW-3      | deep      | 10.31             |          |                                       |   | <u></u>            | 30.65              | 31.13               | 20.82              | stickup                                 | pvc            |                  |
| MW-4      | shallow   | 7.83              |          |                                       |   | -                  | 9.84               | 32.34               | 24.51              | stickup                                 | pvc            |                  |
| MW-5      | deep      | 11.13             | •        | • • • • • • • • • • • • • • • • • • • |   | 1                  | 28.15              | 32.54               | 21.41              | stickup                                 | DVC            |                  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (April 2001)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| eli ID   | Type     | Depth to     |       | Product    | *************************************** | Thickness | Depth to     | Elevation | Water        |         | ell/    |                                       |
|----------|----------|--------------|-------|------------|---|-----------|--------------|-----------|--------------|---------|---------|---------------------------------------|
|          |          | Water        | DNAPL | LNAPL      | DNAPL                                   | LNAPL     | Bottom       | Top of    | Elevation    | Const   | ruction | Comments                              |
|          |          | (April 2001) |       |            |   | <u> </u>  | (April 2001) | Casing    | (April 2001) | Туре    | Casing  |                                       |
| V Series | s (conti | nued):       |       |            |   |           |              |           |              |         |         | v                                     |
| MW-6     | shallow  | 9.96         | 18.09 |            | 0.18                                    |           | 18.27        | 30.74     | 20.78        | stickup | pvc     | DNAPL on Probe                        |
| MW-7     | deep     | 9.57         |       |            |   |           | 32.68        | 30.68     | 21.11        | stickup | pvc     |                                       |
| MW-8     | shallow  | 11.22        |       | <b>#</b> - |   |           | 16.96        | 30.26     | 19.04        | stickup | pvc     |                                       |
| MW-9     | deep     | 8.76         |       |            |   |           | 29.23        | 29.83     | 21.07        | stickup | pvc     |                                       |
| MW-10    | shallow  | 12.12        |       |            |   |           | 16.94        | 30.83     | 18.71        | stickup | pvc     |                                       |
|          |          |              |       |            |   | <b></b>   |              |           |              |         |         |                                       |
| MW-11    | deep     | 10.01        |       |            |   |           | 33.35        | 30.78     | 20.77        | stickup | pvc     |                                       |
| MW-12    | shallow  | 10.20        |       |            |   |           | 16.90        | 31.01     | 20.81        | stickup | pvc     |                                       |
| MW-13    | deep     | 9.75         |       |            |   |           | 33.06        | 31.16     | 21.41        | stickup | pvc     |                                       |
| MW-14    | shallow  | 11.03        |       |            |   |           | 15.53        | 30.70     | 19.67        | stickup | pvc     |                                       |
| MW-15    | deep     | 8.92         |       |            |   |           | 25.51        | 30.77     | 21.85        | stickup | pvc     |                                       |
| MW-16    | shallow  | 6.84         |       |            |   |           | 12.56        | 29.69     | 22.85        | stickup | pvc     |                                       |
| MW-17    | shallow  | 9.43         |       |            |   |           | 13.95        | 31.44     | 22.01        | stickup | pvc     |                                       |
| MW-18    | shallow  | 8.72         |       |            |   |           | 11.31        | 32.23     | 23.51        | stickup | pvc     |                                       |
| MW-19    | deep     | 7.17         |       |            |   |           | 26.38        | 29.08     | 21.91        | stickup | pvc     |                                       |
| MW-20    | shallow  | 5.16         |       |            |   |           | 19.86        | 27.95     | 22.79        | flush   | pvc     |                                       |
| MW-21    | shallow  | 8.59         |       |            |   |           | 15.01        | 30.67     | 22.08        | stickup | pvc     |                                       |
| MW-22    | shallow  | 5.00         |       |            |   |           | 8.18         | 28.45     | 23.45        | flush   | pvc     |                                       |
| MW-23    | shallow  | 4.16         |       |            |   |           | 9.52         | 27.51     | 23.35        | flush   | pvc     |                                       |
| MW-24    | shallow  | 3.55         |       |            |   |           | 9.48         | 26.51     | 22.96        | flush   | pvc     |                                       |
| MW-25    | shallow  | NA           |       |            |   | <br>:<br> | NA NA        | 26.03     | NA           | flush   | pvc     | Well on NAPP property, access denied. |

## TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (April 2001) HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

| Vell ID   | Туре     | Depth to     | Depth to | Product  | Product | Thickness | Depth to     | Elevation | Water        | w       | /ell       |   |
|-----------|----------|--------------|----------|----------|---------|-----------|--------------|-----------|--------------|---------|------------|---|
|           | •        | Water        | DNAPL    | LNAPL    | DNAPL   | LNAPL     | Bottom       | Top of    | Elevation    | Const   | ruction    | Comments  |
|           |          | (April 2001) |          | <u> </u> |         |           | (April 2001) | Casing    | (April 2001) | Туре    | Casing     | -   |
| W Series  | s (conti | nued):       |          |          |         |           |              |           | *            |         |            |   |
|           |          | ,            |          | ·····    |         |           | ······       | ·····     |              |         |            |   |
| MW-26     | (a)      | 6.89         |          |          |         | <br>      | 17.80        | 28.85     | 21.96        | flush   | 2" pvc     |   |
| MW-27     | shallow  | 7.25         |          |          |         | -         | 11.84        | 31.69     | 24.44        | stickup | pvc        |   |
| MW-28     | shallow  | 10.08        |          |          |         |           | 14.64        | 29.68     | 19.60        | stickup | pvc        |   |
| MW-29     | shallow  | 4.03         |          |          |         |           | 9.27         | 27.32     | 23.29        | flush   | pvc        |   |
| MW-30     | shallow  | 4.78         |          |          |         |           | 10.43        | 28.08     | 23.30        | flush   | pvc        |   |
| <br>MW-31 | shallow  | NA NA        |          |          |         |           | NA           | 27.95     | NA           | flush   | pvc        | Well on NAPP property, access denied.   |
| MW-32B    | shallow  | 8.10         |          |          |         |           | 11.03        | 31.23     | 23.13        | flush   | pvc        |   |
| MW-33     | shallow  | 9.82         |          |          |         |           | 16.85        | 31.72     | 21.90        | stickup | pvc        |   |
| Series:   |          |              |          |          |         |           |              |           |              |         |            |   |
| PB-1      | shallow  | NA           |          | -        |         |           | NA           | 21.78     | NA           | stickup | 2" g.steel | The Building I pit has been rendered inaccessible fo                                |
| PB-2      | shallow  | NA           |          |          |         |           | NA           | 21.25     | NA           | stickup | 2" g.steel | monitoring. Prior to demolition, the pit was covered                                |
| PB-4      | shallow  | NA           |          |          |         |           | NA.          | 21.52     | NA           |         |            | with steel plates as a safety precaution and to avo<br>debris falling into the pit. |

NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

\*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness \* specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

\*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/5/2001)

HEXCEL FACILITY

LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| /ell ID  | Type      | Depth to    | Depth to | o Product | Product 7 | hickness | Depth to                                | Elevation | Water       | W                                       | /ell                                    | ·                                      |
|----------|-----------|-------------|----------|-----------|-----------|----------|---|-----------|-------------|---|---|--|
| ×."      |           | Water       | DNAPL    | LNAPL     | DNAPL     | LNAPL    | Bottom                                  | Top of    | Elevation   | Cons                                    | truction                                | Comments                               |
|          |           | (10/5/2001) |          | <u> </u>  |           |          | (10/5/2001)                             | Casing    | (10/5/2001) | Туре                                    | Casing                                  |  |
| V Series |           |             |          |           |           |          |   |           |             |   |   |  |
| v Series | <b>5:</b> |             |          |           |           |          |   |           |             |   |   |  |
| 77777    |           |             |          |           |           |          |   |           |             | *************************************** | ,                                       |  |
| RW1-1    | shallow   | 4.77        |          |           |           |          | 13.79                                   | 28.24     | 23.47       | flush                                   | s.steel                                 |  |
|          |           |             |          |           |           |          |   |           |             | *************************************** |   |  |
| RW6-1    | shallow   | 2.24        |          | <u> </u>  |           | -        | 13.58                                   | 28.86     | 26.62       | flush                                   | s.steel                                 |  |
| RW6-2    | shallow   | 2.14        |          |           |           |          | 12.80                                   | 28.99     | 26.85       | flush                                   | s.steel                                 |  |
| RW6-3    | shallow   | 3.05        |          |           |           |          | 5.41                                    | 28.67     | 25.62       | flush                                   | s.steel                                 |  |
|          |           | <u> </u>    | <u> </u> |           |           | į        |   |           |             |   |   |  |
| RW7-1    | shallow   | 5.56        |          |           |           |          | 16.59                                   | 26.25     | 20.69       | flush                                   | s.steel                                 |  |
| RW7-2    | shallow   | 6.18        |          | <u> </u>  |           |          | 16.80                                   | 26.48     | 20.30       | flush                                   | s.steel                                 |  |
| RW7-3    | shallow   | 6.46        |          |           |           | <u>-</u> | 17.18                                   | 26.78     | 20.32       | flush                                   | s.steel                                 | DNAPL on Probe**                       |
| RW7-4    | shallow   | 6.84        |          | <u> </u>  |           |          | 18.91                                   | 27.11     | 20.27       | flush                                   | s.steel                                 |  |
| RW7-5    | 1         | 7.41        | -        |           |           |          | 19.21                                   | 27.57     | 20.16       |   | s.steel                                 |  |
| RW7-6    | shallow   | 7.17        | ļ        |           |           |          | 14.92                                   | 26.48     | 19.31       | flush                                   | s.steel                                 |  |
| RW7-7    | shallow   | 7.01        |          | <u></u>   |           | <u> </u> | 14.76                                   | 26.89     | 19.88       | •••••                                   | s.steel                                 |  |
| RW7-8    |           | 5.19        |          | -         |           |          | 14.92                                   | 25.90     | 20.71       | ••••••••••••••••••••••••••••••••••••••• | s.steel                                 |  |
| RW7-9    | shallow   | 7.20        | ·        |           |           |          | 16.12                                   | 26.87     | 19.67       | flush                                   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  |
| RW7-10   | shallow   | 7.31        | ·        |           |           |          | 14.12                                   | 26.10     | 18.79       | flush                                   | s.steel                                 | ······································ |
|          |           |             | †····    |           |           |          | *************************************** |           |             |   |   |  |
| RW15-1   |           | 6.29        |          |           |           |          | 14.85                                   | 29.95     | 23.66       | flush                                   | s.steel l                               |  |
| RW15-2   | shallow   | N!          | 1        | :         |           | <u> </u> | NI                                      | 30.15     | NI          | flush                                   | s.steel                                 |  |

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TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/5/2001)

HEXCEL FACILITY

LODI, NEW JERSEY

-All measurements in feet -

| Depth to Water (10/5/2001)  w 6.39 w WA |  | LNAPL  | Product 1  | ·····   | Depth to<br>'Bottom<br>(10/5/2001) | Elevation<br>Top of<br>Casing            | Water<br>Elevation<br>(10/5/2001) |  | Vell<br>truction<br>Casing  | Comments   |
|---|--|--|--|---|------------------------------------|--|-----------------------------------|--|---|--|
| (10/5/2001)<br>w 6.39<br>w WA           |  |  |  |   | 1 . 1                              |  | 1                                 |  | ·····   | Comments   |
| w WA                                    |  |  | <u> </u>   | <del></del>   | <u> </u>                           |  |                                   |  |   |  |
| w WA                                    |  |  |  |   |                                    |  |                                   | · .  |   |  |
| w WA                                    |  |  |  |   | 9.24                               | 30.09                                    | 23.70                             |  | 1.5" pvc  |  |
|   |  |  |  | <u></u>   | WA                                 | 30.19                                    | WA                                | flush  | 1.5" pvc  | Well was sealed on 29 March 1996.  |
|   |  |  |  | <i>i</i>  |                                    |  |                                   |  |   |  |
| NI NI                                   | l  |  |  | <u> </u>  | NI                                 | 26.90                                    | NI                                | flush  | 8" s.steel  |  |
|   |  | ***************************************        |  |   |                                    |  |                                   |  |   |  |
| w 7.16                                  |  |  |  | <u> </u>  | 11.45                              | 29.77                                    | 22.61                             | flush  | , s.steel   |  |
| w NI                                    |  |  | <u> </u>   | <u> </u>  | NI                                 | 29.51                                    | Nf                                | flush  | s.steel   |  |
| w Ni                                    |  |  |  | <u> </u>  | N!                                 | 29.72                                    | NI                                | flush  | s.steel   |  |
| w 6.36                                  |  |  |  |   | 10.93                              | 28.83                                    | 22.47                             | - flush  | s.steel   |  |
| w NI                                    |  |  |  |   | NI                                 | 28.67                                    | NI                                | flush  | s.steel   |  |
| w NI                                    | ļ  |  |  |   | Ni                                 | 28.93                                    | NI                                | flush  | s.steel   |  |
| w 7.18                                  |  |  |  |   | 13.94                              | 26.13                                    | 18.95                             | flush  | s.steel   | LNAPL on Probe**   |
|   |  |  |  | <del></del>   | 13.94                              | 26.77                                    | 18.26                             |  |   |  |
| w NI                                    | }  |  | ······   | \$  | NI                                 | 26.37                                    | NI                                | flush  | s.steel   |  |
| w 7.51                                  |  |  | <b>!</b>   | ÷   | ļ                                  |  |                                   |  | اا  | <u> </u>   |
| 0                                       | NI  7.16  N NI  N Ni  N 6.36  N NI  N NI  N 8.51 | NI 7.16 NI NI NI NI NI NI NI NI NI NI NI NI NI | NI  N 7.16  N NI  N Ni  N 6.36  N NI | NI  N 7.16  N NI  N Ni  N 6.36  N NI  N | NI  N 7.16                         | NI NI NI NI NI NI NI NI NI NI NI NI NI N | NI NI 26.90    NI   NI 26.90      | NI NI 26.90 NI  7.16 11.45 29.77 22.61 N NI 29.51 NI N NI 29.72 NI N 6.36 10.93 28.83 22.47 N NI NI 28.67 NI N NI 28.67 NI N NI 28.93 NI N 7.18 13.94 26.13 18.95 N 8.51 13.94 26.77 18.26 | NI NI 26.90 NI flush  NI 7.16 11.45 29.77 22.61 flush  NI NI 29.51 NI flush  N NI NI 29.72 NI flush  N 6.36 10.93 28.83 22.47 flush  N NI NI 28.67 NI flush  N NI NI 28.67 NI flush  N NI NI 28.93 NI flush  N NI NI 28.93 NI flush  N NI NI 28.93 NI flush  N NI 13.94 26.13 18.95 flush  N 8.51 13.94 26.77 18.26 flush | NI NI 26.90 NI flush 8*s.steel  N 7.16 11.45 29.77 22.61 flush s.steel  N NI 29.51 NI flush s.steel  N NI 29.72 NI flush s.steel  N NI 29.72 NI flush s.steel  N NI 29.72 NI flush s.steel  N NI 28.67 NI flush s.steel  N NI 28.67 NI flush s.steel  N NI 28.93 NI flush s.steel  N NI 28.93 NI flush s.steel  N NI 28.93 NI flush s.steel  N NI 28.93 NI flush s.steel  N NI 28.93 NI flush s.steel  N NI 28.93 NI flush s.steel |

TABLE!

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/5/2001)

HEXCEL FACILITY

LODI, NEW JERSEY

| 'ell ID  | Type    | Depth to    | Depth to | Product     | Product 7 | hickness | Depth to    | Elevation      | Water       | l w      | ell     |                  |
|----------|---------|-------------|----------|-------------|-----------|----------|-------------|----------------|-------------|----------|---------|------------------|
|          |         | Water       | DNAPL    | LNAPL       | DNAPL     | LNAPL    | Bottom      | Top of         | Elevation   | Const    | ruction | Comments         |
|          |         | (10/5/2001) |          |             |           |          | (10/5/2001) | Casing         | (10/5/2001) | Type     | Casing  |                  |
| / Series | (contin | nued):      |          |             |           |          | -           |                |             |          |         |                  |
|          | shallow | NI          | [        | <u> </u>    |           | <br>     | NI          | 25.74          | NI          | vaultbox | s.steel |                  |
| CW-12    | shallow | 7.39        |          |             |           |          | 13.89       | 25.71          | 18.32       | flush    | s.steel | DNAPL on Probe** |
| CW-13    | shallow | N(          |          |             |           |          | NI          | 26.05          | NI          | flush    | s steel |                  |
| CW-14    | shallow | 7.96        |          |             |           |          | 13.80       | 26.37          | 18.41       | flush    | s.steel |                  |
| CW-15    | shallow | NI          |          |             |           | <u> </u> | NI          | 26.31          | NI          | flush    | s.steel |                  |
|          |         |             |          | <u> </u>    |           | ļ        | 40.04       | 20.45          | 40.40       |          | ••••••  | DAAD! D          |
| CW-16    | shallow | 8.02        |          | ļ           |           | ļ        | 13.84       | 26.45          | 18.43       | flush    | s.steel | DNAPL on Probe** |
| CW-17    | shallow | 7.26        |          | <u> </u>    |           | ļ        | 13.92       | 26.25          | 18.99       | flush    | s.steel |                  |
| CW-18    | shallow | NI<br>NI    |          | <u> </u>    | ļ         | ļ        | NI<br>NI    | 26.61          | NI<br>NI    |          | s.steel |                  |
| CW-19    | shallow | Ni<br>Ni    |          | ļ           | ļ         | <u> </u> | NI<br>NI    | 26.50<br>26.74 | NI<br>NI    | flush    | s.steel |                  |
| CW-20    | shallow | NI NI       | ļ        | <u> </u>    |           | <u> </u> | INI         | 20.74          | ini         | flush    | s.steel |                  |
| CW-21    | shallow | Ni          |          | <del></del> |           | <u> </u> | Ni          | 26.77          | Ni          | flush    | s.steel |                  |
| CW-22    | shallow | NI          |          | <u> </u>    |           | <u> </u> | NI          | 26.35          | NI          | flush    | s.steel |                  |
|          |         |             |          |             |           |          |             |                |             |          |         |                  |
| V Serie  | s:      |             |          |             |           |          |             |                |             |          |         |                  |
| MW-1     | deep    | 10.36       |          |             |           | <u> </u> | 23.48       | 32.42          | 22.06       | stickup  | pvc     |                  |
| MW-2     | shallow | 7.94        | -        | -           |           |          | 10.12       | 31.00          | 23.06       | stickup  | pvc     |                  |
| MW-3     | deep    | 10.91       |          |             |           |          | 30.61       | 31.13          | 20.22       | stickup  | pvc     |                  |
| MW-4     | shallow | 7.72        |          |             |           |          | 9.88        | 32.34          | 24.62       | stickup  | pvc     |                  |
| MW-5     | deep    | 11.74       | <u> </u> |             |           |          | 28.29       | 32.54          | 20.80       | stickup  | pvc     |                  |

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TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/5/2001)

HEXCEL FACILITY

LODI, NEW JERSEY

| ell ID  | Туре     | Depth to    | Depth to | Product | Product 7 | hickness | Depth to    | Elevation | Water       | w       | /ell     | •                                     |
|---------|----------|-------------|----------|---------|-----------|----------|-------------|-----------|-------------|---------|----------|---------------------------------------|
|         |          | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL    | Bottom      | Top of    | Elevation   | Const   | truction | Comments                              |
|         | lj       | (10/5/2001) |          |         |           |          | (10/5/2001) | Casing    | (10/5/2001) | Туре    | Casing   | <u></u>                               |
| V Serie | s (conti | nued):      |          |         |           |          |             |           |             |         |          |                                       |
| MW-6    | shallow  | 9.96        | 18.14    |         | 0.14      |          | 18.28       | 30.74     | 20.78       | stickup | pvc      | DNAPL on Probe                        |
| MW-7    | deep     | 10.28       |          |         |           |          | 32.82       | 30.68     | 20.40       | stickup | pvc      |                                       |
| MW-8    | shallow  | 12.18       |          |         |           |          | 17.22       | 30.26     | 18.08       | stickup | pvc      | DNAPL on Probe**                      |
| MW-9    | deep     | 9.47        |          |         |           |          | 29.27       | 29.83     | 20.36       | stickup | pvc      |                                       |
| MW-10   | shallow  | 12.74       |          |         |           |          | 17.02       | 30.83     | 18.09       | stickup | pvc      |                                       |
|         |          |             |          |         |           |          |             |           |             |         |          |                                       |
| MW-11   | deep     | 10.69       |          |         | ^-        |          | 33.43       | 30.78     | 20.09       | stickup | pvc      |                                       |
| MW-12   | shallow  | 10.52       |          |         |           |          | 17.12       | 31.01     | 20.49       | stickup | pvc      |                                       |
| MW-13   | deep     | 10.36       |          |         |           |          | 33.11       | 31.16     | 20.80       | stickup | pvc      |                                       |
| MW-14   | shallow  | 11.72       |          |         |           |          | 15.59       | 30.70     | 18.98       | stickup | pvc      |                                       |
| MW-15   | deep     | 9.51        |          |         |           |          | 25.55       | 30.77     | 21.26       | stickup | pvc      |                                       |
|         |          |             |          |         |           |          |             |           |             |         |          |                                       |
| MW-16   | shallow  | 5.81        |          |         |           |          | 12.42       | 29.69     | 23.88       | stickup | pvc      |                                       |
| MW-17   | shallow  | 9.54        |          |         |           |          | 14.04       | 31.44     | 21.90       | stickup | pvc      | LNAPL on Probe**                      |
| MW-18   | shallow  | 8.87        |          |         |           |          | 11.32       | 32.23     | 23.36       | stickup | pvc      |                                       |
| MW-19   | deep     | 7.71        |          |         |           |          | 26.54       | 29.08     | 21.37       | stickup | pvc      | -                                     |
| MW-20   | shallow  | 5.35        |          |         |           |          | 19.80       | 27.95     | 22.60       | flush   | pvc      |                                       |
|         |          |             |          |         |           |          |             |           |             |         |          |                                       |
| MW-21   | shallow  | 8.84        |          |         |           |          | 15.11       | 30.67     | 21.83       | stickup | pvc      |                                       |
| MW-22   | shallow  | 5.91        |          |         |           |          | 8.20        | 28.45     | 22.54       | flush   | pvc      |                                       |
| MW-23   | shallow  | 4.46        |          |         |           |          | 9.56        | 27.51     | 23.05       | flush   | pvc      |                                       |
| MW-24   | shallow  | 3.54        |          |         |           |          | 9.61        | 26.51     | 22.97       | flush   | pvc      |                                       |
| MW-25   | )        | NA          |          |         |           |          | NA          | 26.03     | NA          | flush   | DVC      | Well on NAPP property, access denied. |

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## TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (10/5/2001) HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

| Vell ID | Type     | Depth to<br>Water | Depth to |        | Product 1   | ·····  | Depth to<br>Bottom | Elevation<br>Top of | Water<br>Elevation | t       | /ell<br>truction | Comments   |
|---------|----------|-------------------|----------|--------|-------------|--------|--------------------|---------------------|--------------------|---------|------------------|--|
|         |          | (10/5/2001)       | DIVALL   | FIANCE | DIVALL      | LIVALE | (10/5/2001)        | Casing              | (10/5/2001)        | Type    |                  | Comments   |
| N Serie | s (conti | nued):            |          |        |             |        |                    |                     | ~                  |         |                  |  |
| MW-26   | (a)      | 7.42              |          |        |             |        | 17.85              | 28.85               | 21.43              | flush   | 2" pvc           |  |
| MW-27   | shallow  | 7.16              |          |        |             |        | 11.91              | 31.69               | 24.53              | stickup | pvc              |  |
| MW-28   | shallow  | 10.84             |          |        |             |        | 14.64              | 29.68               | 18.84              | stickup | pvc              |  |
| MW-29   | shallow  | 4.26              |          |        |             |        | 9.24               | 27.32               | 23.06              | flush   | pvc              |  |
| MW-30   | shallow  | 5.29              |          |        | <del></del> |        | 10.31              | 28.08               | 22.79              | flush   | pvc              |  |
| MW-31   | shallow  | NA                |          |        |             |        | NA                 | 27.95               | NA                 | flush   | pvc              | Well on NAPP property, access denied.  |
| MW-32B  | shallow  | 8.11              |          |        |             |        | 11.09              | 31.23               | 23.12              | flush   | pvc              |  |
| MW-33   | shallow  | 10.06             |          |        |             |        | 16.89              | 31.72               | 21.66              | stickup | pvc              |  |
| Series: |          |                   |          |        |             |        |                    |                     |                    |         |                  |  |
| PB-1    | shallow  | NA                |          |        |             |        | NA                 | 21.78               | NA                 | stickup | 2" g.steel       | The Building I pit has been rendered inaccessible f                              |
| PB-2    | shallow  | NA                |          |        |             |        | NA                 | 21.25               | NA                 | stickup | 2" g.steel       | monitoring. Prior to demolition, the pit was covere                              |
| PB-4    | shallow  | NA.               |          |        |             |        | NA                 | 21.52               | NA                 | stickun |                  | with steel plates as a safety precaution and to avoidebris falling into the pit. |

## NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/18/2001)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре    | Depth to    | Denth to                              | Product   | Product 1 | Thickness | Depth to    | Elevation | Water     | <br>                                  | /ell     | ·                |
|----------|---------|-------------|---------------------------------------|-----------|-----------|-----------|-------------|-----------|-----------|---------------------------------------|----------|------------------|
| 77011 15 | 1,400   | Water       | DNAPL                                 | LNAPL     | DNAPL     | LNAPL     | Bottom      | Top of    | Elevation |                                       | truction | Comments         |
|          |         | (7/18/2001) |                                       | 2.07.11.2 | 2147.11.2 |           | (7/18/2001) |           | 7/18/2001 |                                       | Casing   |                  |
| V Series |         |             | · · · · · · · · · · · · · · · · · · · |           |           |           |             |           |           |                                       | ·        |                  |
|          |         |             |                                       | -         |           |           |             |           |           |                                       |          |                  |
| RW1-1    | shallow | 4.82        |                                       | ~-        |           | <br>1     | 13.84       | 28.24     | 23.42     | flush                                 | s.steel  |                  |
| RW6-1    | shallow | 2.36        |                                       |           |           |           | 13.62       | 28.86     | 26.50     | flush                                 | s.steel  |                  |
| RW6-2    | shallow | 2.26        |                                       |           | ~-        | Ī         | 12.85       | 28.99     | 26.73     | flush                                 | s.steel  |                  |
| RW6-3    | shallow | 3.26        |                                       |           | ***       | <br><br>  | 5.42        | 28.67     | 25.41     | flush                                 | s.steel  |                  |
| RW7-1    | shallow | 5.68        |                                       |           |           |           | 16.65       | 26.25     | 20.57     | flush                                 | s.steel  |                  |
| RW7-2    | shallow | 6.17        |                                       |           |           |           | 16.80       | 26.48     | 20.31     | flush                                 | s.steel  |                  |
| RW7-3    | shallow | 6.49        |                                       |           |           |           | 17.18       | 26.78     | 20.29     | flush                                 | s.steel  |                  |
| RW7-4    | shallow | 6.87        |                                       |           |           |           | 19.06       | 27.11     | 20.24     | flush                                 | s.steel  |                  |
| RW7-5    | shallow | 7.41        |                                       | ~-        |           |           | 19.09       | 27.57     | 20.16     | flush                                 | s.steel  |                  |
| RW7-6    | shallow | 7.17        |                                       |           |           |           | 14.94       | 26.48     | 19.31     | flush                                 | s.steel  |                  |
| RW7-7    | shallow | 6.98        |                                       |           |           | <u> </u>  | 14.78       | 26.89     | 19.91     | flush                                 | s.steel  |                  |
| RW7-8    | shallow | 5.33        |                                       |           |           | <u> </u>  | 14.96       | 25.90     | 20.57     | flush                                 | s.steel  |                  |
| RW7-9    | shallow | 7.17        |                                       |           |           |           | 16.17       | 26.87     | 19.70     | flush                                 | s.steel  |                  |
| RW7-10   |         | 7.19        |                                       |           |           |           | 14.11       | 26.10     | 18.91     | flush                                 | s.steel  | DNAPL on Probe** |
|          |         |             | )                                     |           |           |           |             |           |           | · · · · · · · · · · · · · · · · · · · |          |                  |
|          |         | 6.49        |                                       |           |           | <u></u>   | 14.86       | 29.95     | 23.46     | flush                                 | s.steel  |                  |
| RW15-2   | shallow | NI          |                                       |           |           |           | NI          | 30.15     | NI        | flush                                 | s.steel  |                  |

TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/18/2001) **HEXCEL FACILITY** LODI, NEW JERSEY

-All measurements in feet -

| Well ID         Type         Depth to Water (7/18/2001)         Depth to Product Product Product NAPL (NAPL DNAPL INAPL DNAPL (NAPL DNAPL INAPL DNAPL INAPL DNAPL (NAPL DNAPL INAPL DNAPL INAPL DNAPL (NAPL DNAPL INAPL DNAPL INAPL DNAPL INAPL DNAPL (NAPL DNAPL INAPL DNAPL DNAPL DNAPL INAPL DNA | omments<br>March 1996.  |
|---|---|
| P   Series:   |   |
| P Series:    P-1   shallow   6.51       9.18   30.09   23.58   flush   1.5" pvc     P-2   shallow   WA   WA   30.19   WA   flush   1.5" pvc   Well was sealed on 29 N   | March 1996.   |
| P Series:    P-1   shallow   6.51       9.18   30.09   23.58   flush   1.5" pvc     P-2   shallow   WA   WA   30.19   WA   flush   1.5" pvc   Well was sealed on 29 N   | March 1996.   |
| P-2 shallow WA WA 30.19 WA flush 1.5" pvc Well was sealed on 29 N   | March 1996.   |
| PI Series:  | March 1996.   |
|   |   |
| PI-1 deep NI NI 26.90 NI flush 8" s.steel   |   |
|   |   |
| CW Series:  CW-1 shallow 7.42 11.46 29.77 22.35 flush s.steel   |   |
| CW-1 shallow 7.42 11.46 29.77 22.35 Hush s.steel  | ***************************************   |
| CW-3 shallow NI NI 29.72 NI flush s.steel   |   |
| CW-4 shallow 6.36 10.98 28.83 22.47 flush s.steel   | **************************************  |
| CW-5 shallow NI NI 28.67 NI flush s.steel   | riidd fan de east ferstein east eith feath de fearm east eigenstein mei <sub>eag</sub> ferstein de east mei seann mei |
|   | ······································  |
| CW-6 shallow N! NI 28.93 NI flush s.steel   |   |
| CW-7 shallow 7.33 13.99 26.13 18.80 flush s.steel   |   |
| CW-8 shallow 8.47 13.95 26.77 18.30 flush s.steel   |   |
| CW-9 shallow NI NI 26.37 NI flush s.steel   |   |
| CW-10 shallow 7.51 10.23 25.91 18.40 flush s.steel  | <del></del>   |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/18/2001)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID  | Туре      | Depth to    | Depth to                              | Product          | Product <sup>1</sup> | Thickness                              | Depth to    | Elevation | Water     | w         | /ell    |                  |
|----------|-----------|-------------|---------------------------------------|------------------|----------------------|--|-------------|-----------|-----------|-----------|---------|------------------|
|          |           | Water       | DNAPL                                 | LNAPL            | DNAPL                | LNAPL                                  | Bottom      | Top of    | Elevation | Const     | ruction | Comments         |
|          |           | (7/18/2001) | <u> </u>                              |                  |                      |  | (7/18/2001) | Casing    | 7/18/2001 | Туре      | Casing  |                  |
| W Serie: | s (contii | nued):      |                                       |                  |                      |  |             |           |           |           |         |                  |
| CW-11    | shallow   | NI          | <u> </u>                              |                  |                      |  | NI          | 25.74     | . NI      | vaultbox  | s.steel |                  |
| CW-12    | shallow   | 7.37        |                                       |                  |                      |  | 13.96       | 25.71     | 18.34     | flush     | s.steel | DNAPL on Probe** |
| CW-13    | shallow   | NI          | • • • • • • • • • • • • • • • • • • • | <u> </u>         |                      |  | NI          | 26.05     | NI        | flush     | s.steel |                  |
| CW-14    | shallow   | 7.98        |                                       |                  |                      |  | 13.82       | 26.37     | 18.39     | flush     | s.steel |                  |
| CW-15    | shallow   | NI          | ,                                     | i<br>i<br>i<br>i |                      |  | NI          | 26.31     | NI        | flush     | s.steel |                  |
| CW-16    | shallow   | 7.86        |                                       | <u> </u>         |                      |  | 13.89       | 26.45     | 18.59     | flush     | s.steel | DNAPL on Probe** |
| CW-17    | shallow   | 7.19        |                                       |                  |                      |  | 13.93       | 26.25     | 19.06     | flush     | s.steel |                  |
| CW-18    | shallow   | NI          |                                       |                  |                      |  | NI          | 26.61     | NI        | flush     | s.steel |                  |
| CW-19    | shallow   | NI          | ,                                     |                  |                      | ************************************** | NI          | 26.50     | NI        | flush     | s.steel |                  |
| CW-20    | shallow   | NI          |                                       |                  |                      |  | NI          | 26.74     | NI        | flush     | s.steel |                  |
|          |           |             |                                       |                  |                      |  |             |           |           |           | ~       |                  |
| CW-21    | shallow   | NI          |                                       |                  |                      |  | NI          | 26.77     | NI        | flush     | s.steel |                  |
| CW-22    | shallow   | NI          |                                       |                  |                      |  | NI          | 26.35     | NI        | flush     | s.steel |                  |
|          |           | <del></del> |                                       |                  |                      |  |             |           |           | <u> :</u> |         |                  |
| IW Serie | s:        |             |                                       |                  |                      |  |             |           |           |           |         | ·                |
| MW-1     | deep      | 10.32       |                                       |                  |                      |  | 23.51       | 32.42     | 22.10     | stickup   | pvc     | ·                |
| MW-2     | shallow   | 3.01        |                                       |                  |                      |  | 10.16       | 31.00     | 27.99     | stickup   | pvc     |                  |
| MW-3     | deep      | 10.72       |                                       |                  |                      |  | 30.61       | 31.13     | 20.41     | stickup   | pvc     |                  |
| MW-4     | shallow   | 7.85        |                                       |                  |                      |  | 9.91        | 32.34     | 24.49     | stickup   | pvc     | ·                |
| MW-5     | deep      | 11.57       |                                       |                  |                      |  | 28.32       | 32.54     | 20.97     | stickup   | pvc     |                  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/18/2001)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID  | Туре     | Depth to<br>Water                      | Depth to    | Product  | Product DNAPL | Thickness<br>LNAPL | Depth to<br>Bottom | Elevation<br>Top of | Water<br>Elevation | l       | /ell<br>truction | Comments                              |
|----------|----------|--|-------------|----------|---------------|--------------------|--------------------|---------------------|--------------------|---------|------------------|---------------------------------------|
|          |          | (7/18/2001)                            |             | LINAPL   | DNAFL         | LNATE              | (7/18/2001)        | •                   | 7/18/2001          | Type    | Casing           | Comments                              |
|          |          |  |             | <u> </u> |               | <u> </u>           | (7710/2001)        | Casing              | 771072001          | Type    | Casing           | <u> </u>                              |
| vv Serie | s (conti | nuea):                                 |             | ·        |               |                    | P                  |                     |                    |         |                  | ·                                     |
| MW-6     | shallow  | 10.05                                  | 17.82       |          | 0.36          | <u> </u>           | 18.18              | 30.74               | 20.69              | stickup | pvc              | DNAPL on Probe                        |
| MW-7     | deep∽    | 10.09                                  |             |          |               | <u> </u>           | 32.80              | 30.68               | 20.59              | stickup | pvc              |                                       |
| MW-8     | shallow  | 12.00                                  |             |          |               |                    | 17.20              | 30.26               | 18.26              | stickup | pvc              | DNAPL on Probe**                      |
| MW-9     | deep     | 9.22                                   |             |          |               |                    | 29.27              | 29.83               | 20.61              | stickup | pvc              |                                       |
| MW-10    | shallow  | 12.62                                  | <del></del> | <u></u>  |               |                    | 17.05              | 30.83               | 18.21              | stickup | pvc              |                                       |
| MW-11    | deep     | 10.45                                  | <del></del> |          |               |                    | 33.56              | 30.78               | 20.33              | stickup | pvc              |                                       |
| MW-12    | shallow  | 10.72                                  |             |          |               |                    | 17.19              | 31.01               | 20.29              | stickup | pvc              |                                       |
| MW-13    | deep     | 10.13                                  |             |          |               |                    | 33.16              | 31.16               | 21.03              | stickup | pvc              |                                       |
| MW-14    | shallow  | 11.71                                  |             |          |               |                    | 15.72              | 30.70               | 18.99              | stickup | pvc              |                                       |
| MW-15    | deep     | 9.32                                   |             |          |               |                    | 25.61              | 30.77               | 21.45              | stickup | pvc              |                                       |
| MW-16    | shallow  | 6.81                                   |             |          | ·             |                    | 12.36              | 29.69               | 22.88              | stickup | pvc              |                                       |
| MW-17    | shallow  | 9.54                                   |             |          |               |                    | 14.07              | 31.44               | 21.90              | stickup | pvc              | LNAPL on Probe**                      |
| MW-18    | shallow  | 8.99                                   |             |          |               |                    | 11.34              | 32.23               | 23.24              | stickup | pvc              | LIVALE OF LODG                        |
| MW-19    | deep     | 7.57                                   |             |          |               |                    | 26.59              | 29.08               | 21.51              | stickup | pvc              |                                       |
| MW-20    | shallow  | 5.32                                   |             |          |               |                    | 19.79              | 27.95               | 22.63              | flush   | pvc              |                                       |
| ·····    |          | ······································ |             |          |               |                    |                    |                     |                    |         |                  |                                       |
| MW-21    | shallow  | 8.88                                   |             |          |               |                    | 15.15              | 30.67               | 21.79              | stickup | pvc              |                                       |
| MW-22    | shallow  | 5.95                                   |             |          |               |                    | 8.21               | 28.45               | 22.50              | flush   | pvc              |                                       |
| MW-23    | shallow  | 4.56                                   |             |          |               |                    | 9.58               | 27.51               | 22.95              | flush   | pvc              |                                       |
| MW-24    | shallow  | 3.69                                   |             |          |               |                    | 9.68               | 26.51               | 22.82              | flush   | pvc              |                                       |
| MW-25    | shallow  | NA                                     |             |          |               |                    |                    | 26.03               | NA                 | flush   | pvc              | Well on NAPP property, access denied. |

## TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (7/18/2001) HEXCEL FACILITY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Well ID   | Туре     | Depth to    | Depth to | Product | Product 1 | Thickness | Depth to    | Elevation | Water     | ٧       | Veil       |  |
|-----------|----------|-------------|----------|---------|-----------|-----------|-------------|-----------|-----------|---------|------------|--|
|           |          | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL     | Bottom      | Top of    | Elevation | Cons    | truction   | Comments   |
|           |          | (7/18/2001) |          |         |           |           | (7/18/2001) | Casing    | 7/18/2001 | Type    | Casing     | ·  |
| /IW Serie | s (conti | inued):     |          |         |           |           |             |           |           |         |            |  |
| MW-26     | (a)      | 8.71        |          |         |           |           | 15.22       | 28.85     | 20.14     | flush   | 2" pvc     |  |
| MW-27     | shallow  | 7.30        | ·        |         |           |           | 11.96       | 31.69     | 24.39     | stickup | pvc        |  |
| MW-28     | shallow  | 10.72       |          |         |           |           | 14.88       | 29.68     | 18.96     | stickup | pvc        |  |
| MW-29     | shallow  | 4.33        |          |         |           |           | 9.29        | 27.32     | 22.99     | flush   | pvc        |  |
| MW-30     | shallow  | 5.11        |          |         |           |           | 10.42       | 28.08     | 22.97     | flush   | pvc        |  |
| MW-31     | shallow  | NA          |          |         |           |           | ·NA         | 27.95     | NA        | flush   | pvc        | Well on NAPP property, access denied.  |
| MW-32B    | shallow  | 8.29        |          |         |           |           | 11.15       | 31.23     | 22.94     | flush   | pvc        |  |
| MW-33     | shallow  | 10.07       |          |         |           |           | 16.91       | 31.72     | 21.65     | stickup | pvc        |  |
| B Series: |          |             |          | ,       |           |           |             |           |           |         |            |  |
| PB-1      | shallow  | NA          |          |         |           |           | NA          | 21.78     | NA .      | stickup | 2" g.steel | The Building I pit has been rendered inaccessible fo                             |
| PB-2      | shallow  | · NA        |          |         |           |           | NA          | 21.25     | NA        | stickup | 2" g.steel | monitoring. Prior to demolition, the pit was covere                              |
| PB-4      | shallow  | NA          |          |         |           |           | NA          | 21.52     | NA        | stickup | ;          | with steel plates as a safety precaution and to avoidebris falling into the pit. |

## NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

- --: Not detected.
- NA: Measurements not available.
- WA: Well Abandoned.
- NI: Well not included in quarterly monitoring.
- (a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity).

  Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/4/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| Vell ID  | Type     | Depth to   | Depth to | Product | Product | Thickness | Depth to   | Elevation | Water      | W     | /ell    | •                |
|----------|----------|------------|----------|---------|---------|-----------|------------|-----------|------------|-------|---------|------------------|
|          |          | Water      | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom     | Top of    | Elevation  | Cons  | ruction | Comments         |
|          |          | (1/4/2002) |          |         |         |           | (1/4/2002) | Casing    | (1/4/2002) | Туре  | Casing  |                  |
| V Series | s:       |            |          |         |         |           |            |           |            |       |         |                  |
| 14.7     | <u> </u> | <u> </u>   |          |         |         | Ĭ         |            |           |            |       |         |                  |
| RW1-1    | shallow  | 5.36       | <br>     |         |         |           | 13.82      | 28.24     | 22.88      | flush | s.steel |                  |
| RW6-1    | shallow  | 2.98       |          |         |         |           | 13.59      | 28.86     | 25.88      | flush | s.steel |                  |
| RW6-2    | shallow  | 2.96       |          |         |         |           | 12.82      | 28.99     | 26.03      | flush | s.steel |                  |
| RW6-3    | shallow  | 3.48       |          |         |         |           | 5.35       | 28.67     | 25.19      | flush | s.steel |                  |
| RW7-1    | shallow  | 6.05       |          |         |         |           | 16.60      | 26.25     | 20.20      | flush | s.steel |                  |
| RW7-2    | shallow  | 6.54       |          |         |         |           | 16.76      | 26.48     | 19.94      | flush | s.steel |                  |
| RW7-3    | shallow  | 6.81       |          |         |         |           | 17.19      | 26.78     | 19.97      | fiush | s.steel | DNAPL on Probe** |
| RW7-4    | shallow  | 7.21       |          |         |         |           | 18.95      | 27.11     | 19.90      | flush | s.steel |                  |
| RW7-5    | shallow  | 7.81       |          |         |         |           | 19.03      | 27.57     | 19.76      | flush | s.steel |                  |
| RW7-6    | shallow  | 7.39       |          |         |         |           | 14.94      | 26.48     | 19.09      | flush | s.steel |                  |
| RW7-7    | shallow  | 7.32       |          |         |         |           | 14.76      | 26.89     | 19.57      | flush | s.steel |                  |
| RW7-8    | shallow  | 5.72       |          |         |         |           | 14.90      | 25.90     | 20.18      | flush | s.steel |                  |
| RW7-9    | shallow  | 7.45       |          |         |         | -         | 16.13      | 26.87     | 19.42      | flush | s.steel |                  |
| RW7-10   | shallow  | 7.52       |          |         |         |           | 14.12      | 26.10     | 18.58      | flush | s.steel |                  |
| RW15-1   | shallow  | 7.08       |          |         |         |           | 14.84      | 29.95     | 22.87      | flush | s.steel |                  |
| RW15-2   | shallow  | NI         |          |         |         |           | NI         | 30.15     | NI         | flush | s.steel |                  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/4/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

| ell ID                               | Туре   | Depth to                              | Depth to | Product                                | Product | Thickness                              | Depth to                               | Elevation  | Water                                  | W                                   | /ell                                     |                                   |
|--------------------------------------|--|---------------------------------------|----------|--|---------|--|--|--|--|-------------------------------------|--|-----------------------------------|
|                                      |  | Water                                 | DNAPL    | LNAPL                                  | DNAPL   | LNAPL                                  | Bottom                                 | Top of   | Elevation                              | Const                               | ruction                                  | Comments                          |
|                                      |  | (1/4/2002)                            |          |  |         | <u> </u>                               | (1/4/2002)                             | Casing   | (1/4/2002)                             | Туре                                | Casing                                   |                                   |
| Series:                              |  |                                       |          |  |         |  |  |  |  |                                     |  |                                   |
| P-1                                  | shallow  | 6.92                                  |          |  |         |  | 9.21                                   | 30.09  | 23.17                                  | flush                               | 1.5" pvc                                 |                                   |
| P-2                                  | shallow  | WA                                    |          |  |         |  | WA                                     | 30.19  | WA                                     | flush                               | 1.5" pvc                                 | Well was sealed on 29 March 1996. |
| Series:                              | :  |                                       |          |  |         |  |  |  |  | ,                                   |  |                                   |
| Pi-1                                 | deep   | NI                                    | Ţ        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         | Ĭ                                      | NI                                     | 26.90  | N!                                     | flush                               | 8" s.steel                               |                                   |
| / Série                              | ·  |                                       | 7        |  | T       | Y                                      | T                                      |  |  |                                     |  | 1                                 |
| / Série                              | es:  | 1                                     | Ţ        |  |         | ······································ | <b>T</b>                               | r  |  |                                     |  | <b>T</b>                          |
| CW-1                                 | shallow  | 7.76                                  |          |  |         |  | 11.41                                  | 29.77  | 22.01                                  | flush                               | s.steel                                  |                                   |
| CW-1                                 | shallow<br>shallow   | NI                                    |          |  |         |  | NI                                     | 29.51  | NI                                     | flush                               | s.steel                                  |                                   |
| CW-1<br>CW-2<br>CW-3                 | shallow<br>shallow<br>shallow                                  | NI<br>NI                              |          |  |         |  | NI<br>NI                               | 29.51<br>29.72                                     | NI<br>Ni                               | flush<br>flush                      | s.steel<br>s.steel                       |                                   |
| CW-1<br>CW-2<br>CW-3                 | shallow<br>shallow<br>shallow<br>shallow                       | NI<br>NI<br>6.74                      |          |  |         |  | NI<br>NI<br>10.89                      | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>22.09                      | flush<br>flush<br>flush             | s.steel<br>s.steel<br>s.steel            | · ·                               |
| CW-1<br>CW-2<br>CW-3                 | shallow<br>shallow<br>shallow                                  | NI<br>NI<br>6.74                      |          |  |         |  | NI<br>NI                               | 29.51<br>29.72                                     | NI<br>NI<br>22.09                      | flush<br>flush<br>flush             | s.steel<br>s.steel                       |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4         | shallow<br>shallow<br>shallow<br>shallow                       | NI<br>NI<br>6.74                      |          |  |         |  | NI<br>NI<br>10.89<br>NI                | 29.51<br>29.72<br>28.83                            | NI<br>NI<br>22.09<br>NI                | flush<br>flush<br>flush             | s.steel<br>s.steel<br>s.steel            |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | NI<br>NI<br>6.74<br>NI<br>'NI<br>7.39 |          |  |         |  | NI<br>NI<br>10.89<br>Ni                | 29.51<br>29.72<br>28.83<br>28.67                   | NI<br>NI<br>22.09<br>NI                | flush<br>flush<br>flush<br>flush    | s.steel<br>s.steel<br>s.steel<br>s.steel |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow            | NI<br>NI<br>6.74<br>NI                |          |  |         |  | NI<br>NI<br>10.89<br>NI                | 29.51<br>29.72<br>28.83<br>28.67<br>28.93          | NI<br>NI<br>22.09<br>NI                | flush<br>flush<br>flush<br>flush    | s.steel s.steel s.steel s.steel s.steel  |                                   |
| CW-1<br>CW-2<br>CW-3<br>CW-4<br>CW-5 | shallow<br>shallow<br>shallow<br>shallow<br>shallow<br>shallow | NI<br>NI<br>6.74<br>NI<br>'NI<br>7.39 |          |  |         |  | NI<br>NI<br>10.89<br>NI<br>NI<br>13.94 | 29.51<br>29.72<br>28.83<br>28.67<br>28.93<br>26.13 | NI<br>NI<br>22.09<br>NI<br>NI<br>18.74 | flush flush flush flush flush flush | s.steel s.steel s.steel s.steel s.steel  |                                   |

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TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/4/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

- -All measurements in feet -
- -All elevations in feet (NGVD)-

| ell ID  | Type     | Depth to   | Depth to | Product                                 | Product                                 | Thickness | Depth to   | Elevation | Water      | l w      | ell     |                  |
|---------|----------|------------|----------|---|---|-----------|------------|-----------|------------|----------|---------|------------------|
|         |          | Water      | DNAPL    | LNAPL                                   | DNAPL                                   | LNAPL     | Bottom     | Top of    | Elevation  | Const    | ruction | Comments         |
|         |          | (1/4/2002) |          |   |   |           | (1/4/2002) | Casing    | (1/4/2002) | Type     | Casing  |                  |
| / Serie | s (conti | nued):     |          |   |   |           |            |           |            |          |         |                  |
| CW-41   | shallow  | NI         |          |   |   |           | NI         | 25.74     | NI         | vaultbox | s.steel |                  |
| CW-12   | shallow  | 7.53       |          |   |   |           | 13.82      | 25.71     | 18.18      | flush    | s.steel | DNAPL on Probe** |
| CW-13   | shallow  | NI         |          |   |   |           | NI         | 26.05     | NI         | flush    | s.steel |                  |
| CW-14   | shallow  | 8.23       |          |   |   |           | 13.80      | 26.37     | 18.14      | flush    | s.steel |                  |
| CW-15   | shallow  | NI         |          |   |   |           | NI         | 26.31     | NI         | flush    | s.steel |                  |
| CW-16   | shallow  | 8.12       | -        |   |   |           | 13.86      | 26.45     | 18.33      | flush    | s.steel | DNAPL on Probe** |
| CW-17   | shallow  | 7.39       |          |   |   |           | 13.93      | 26.25     | 18.86      | flush    | s.steel |                  |
| CW-18   | shallow  | NI         |          | *************************************** | ·····                                   |           | Nil        | 26.61     | NI         | flush    | s.steel |                  |
| CW-19   | shallow  | NI         |          |   |   |           | NI         | 26.50     | NI         | flush    | s.steel |                  |
| CW-20   | shallow  | Ni         |          |   |   |           | NI         | 26.74     | · NI       | flush    | s.steel |                  |
| CW-21   | shallow  | NI         |          |   |   |           | NI         | 26.77     | Nŧ         | flush    | s.steel |                  |
| CW-22   | shallow  | Νι         |          |   | *************************************** |           | NI         | 26.35     | NI         | flush    | s.steel |                  |
|         |          |            |          |   |   |           |            |           |            |          |         |                  |
| V Serie | s:       |            |          |   |   |           |            |           |            |          |         |                  |
| MW-1    | deep     | 10.77      | ~-       |   |   |           | 23.53      | 32.42     | 21.65      | stickup  | pvc     |                  |
| MW-2    | shallow  | 8.64       | ~-       |   |   |           | 10.22      | 31.00     | 22.36      | stickup  | pvc     |                  |
| MW-3    | deep     | 11.28      | ~-       |   |   |           | 30.56      | 31.13     | 19.85      | stickup  | pvc     |                  |
| MW-4    | shallow  | 7.98       | ~-       |   |   |           | 9.88       | 32.34     | 24.36      | stickup  | pvc     |                  |
| MW-5    | deep     | 12.12      | ~        |   |   |           | 28.20      | 32.54     | 20.42      | stickup  | pvc     |                  |

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TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/4/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

| Veil ID | Type     | Depth to             | Depth to | Product | Product | Thickness | Depth to   | Elevation | Water      | \ w     | /ell    |                                      |
|---------|----------|----------------------|----------|---------|---------|-----------|------------|-----------|------------|---------|---------|--------------------------------------|
|         |          | Water                | DNAPL    | LNAPL   | DNAPL   | LNAPL     | Bottom     | Top of    | Elevation  | Const   | ruction | Comments                             |
|         |          | (1/4/2002)           |          |         |         | <u> </u>  | (1/4/2002) | Casing    | (1/4/2002) | Туре    | Casing  |                                      |
| N Serie | s (conti | nued):               |          |         |         |           |            |           |            |         |         |                                      |
| MW-6    | shallow  | 10.36                | 18.32    |         | 0.03    | <u> </u>  | 18.35      | 30.74     | 20.38      | stickup | pvc     | DNAPL on Probe                       |
| MW-7    | deeð     | 10.74                | ~-       |         |         |           | 32.75      | 30.68     | 19.94      | stickup | pvc     |                                      |
| MW-8    | shallow  | 12.19                |          |         | '       |           | 17.28      | 30.26     | 18.07      | stickup | pvc     | DNAPL on Probe**                     |
| MW-9    | .deep    | 9.91                 |          |         |         |           | 29.22      | 29.83     | 19.92      | stickup | pvc     |                                      |
| MW-10   | shallow  | 12.81                |          |         |         |           | 17.00      | 30.83     | 18.02      | stickup | pvc     |                                      |
|         |          | ******************** |          |         |         |           |            |           |            |         |         |                                      |
| MW-11   | deep     | 11.10                |          |         |         |           | 33.55      | 30.78     | 19.68      | stickup | pvc     |                                      |
| MW-12   | shallow  | 11.07                |          |         |         |           | 17.16      | 31.01     | 19.94      | stickup | pvc     |                                      |
| MW-13   | deep     | 10.78                |          |         |         |           | 33.09      | 31.16     | 20.38      | stickup | pvc     |                                      |
| MW-14   | shallow  | 11.94                |          |         |         |           | 15.57      | 30.70     | 18.76      | stickup | pvc     |                                      |
| MW-15   | deep     | 9.96                 |          |         |         |           | 25.55      | 30.77     | 20.81      | stickup | pvc     |                                      |
|         |          |                      |          |         |         | •••••     |            |           | •••••      |         |         |                                      |
| MW-16   | shallow  | 7.07                 |          |         |         |           | 12.32      | 29.69     | 22.62      | stickup | pvc     |                                      |
| MW-17   | shallow  | 9.98                 |          |         |         |           | 14.06      | 31.44     | 21.46      | stickup | pvc     | LNAPL on Probe**                     |
| MW-18   | shallow  | 9.49                 |          |         |         |           | 11.33      | 32.23     | 22.74      | stickup | pvc     |                                      |
| MW-19   | deep     | 8.06                 |          |         |         |           | 26.54      | 29.08     | 21.02      | stickup | pvc     |                                      |
| MW-20   | shallow  | 5.59                 |          |         |         |           | 19.76      | 27.95     | 22.36      | flush   | pvc     |                                      |
| MW-21   | shallow  | 9.20                 |          |         |         |           | 15.11      | 30.67     | 21.47      | stickup | pvc     |                                      |
| MW-22   | shallow  | 6.38                 |          |         |         |           | 8.21       | 28.45     | 22.07      | flush   | pvc     |                                      |
| MW-23   | shallow  | 5.17                 |          |         |         |           | 9.54       | 27.51     | 22.34      | flush   | pvc     |                                      |
| MW-24   | shallow  | 4.47                 |          |         |         |           | 9.66       | 26.51     | 22.04      | flush   | pvc     | -1                                   |
|         | shallow  | NA                   |          |         |         |           | NA         | 26.03     | NA         | flush   | DVC     | Well on NAPP property, access denied |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/4/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

-All elevations in feet (NGVD)-

| Well ID | Туре          | Depth to   | Depth to | Product | Product | Thickness                              | Depth to   | Elevation | Water      | \ v     | /ell       |   |
|---------|---------------|------------|----------|---------|---------|--|------------|-----------|------------|---------|------------|---|
|         |               | Water      | DNAPL    | LNAPL   | DNAPL   | LNAPL                                  | Bottom     | Top of    | Elevation  | Const   | truction   | Comments  |
|         |               | (1/4/2002) |          |         |         | <u> </u>                               | (1/4/2002) | Casing    | (1/4/2002) | Туре    | Casing     |   |
| W Serie | -<br>s (conti | nued):     |          |         |         | -                                      |            |           |            |         |            |   |
| MW-26   | (a)           | 7.96       |          |         |         | ······································ | 17.93      | 28.85     | 20.89      | flush   | 2" pvc     | T   |
|         | shallow       | 7.47       |          |         |         |  | 11.92      | 31.69     | 24.22      | stickup | pvc        |   |
| MW-28   | shallow       | 10.89      | -        |         |         |  | 14.59      | 29.68     | 18.79      | stickup | pvc        |   |
| MW-29   | shallow       | 4.98       |          |         |         | -                                      | 9.22       | 27.32     | 22.34      | flush   | pvc        |   |
| MW-30   | shallow       | 5.71       |          |         |         | <u>:</u><br>                           | 10.42      | 28.08     | 22.37      | flush   | pvc        |   |
| MW-31   | shallow       | NA         |          |         |         |  | NA         | 27.95     | NA         | flush   | pvc        | Well on NAPP property, access denied  |
| MW-32B  | shallow       | 8.40       | -        |         |         |  | 11.08      | 31.23     | 22.83      | flush   | pvc        |   |
| MW-33   |               | 10.37      | -        | J       |         |  | 16.90      | 31.72     | 21.35      | stickup | pvc        |   |
| Series: |               |            |          |         |         |  |            |           |            |         |            |   |
| PB-1    | shallow       | NA         |          |         |         |  | NA         | 21.78     | NA         | stickup | 2" g.steel | The Building I pit has been rendered inaccessible f                             |
| PB-2    | shallow       | NA         |          |         |         |  | NA         | 21.25     | NA         | stickup | 2" g.steel | monitoring. Prior to demolition, the pit was covere                             |
| P8-4    | shallow       | NA .       |          |         |         |  | NA         | 21.52     | NA         | stickup |            | with steel plates as a safety precaution and to avidebris falling into the pit. |

## NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

NA: Measurements not available.

WA: Well Abandoned.

NI: Well not included in quarterly monitoring.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

\*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness \* specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

\*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

<sup>--:</sup> Not detected.

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/12/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

| Vell ID   | Type                                   | Depth to    | Depth to | Product | Product 1 | hickness    | Depth to    | Elevation | Water                                   | V     | Vell     | r                |
|-----------|--|-------------|----------|---------|-----------|-------------|-------------|-----------|---|-------|----------|------------------|
|           | <u> </u>                               | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL       | Bottom      | Top of    | Elevation                               | Cons  | truction | Comments         |
|           |  | (4/12/2002) | <u> </u> |         |           | <u> </u>    | (4/12/2002) | Casing    | (4/12/2002)                             | Туре  | Casing   |                  |
| V Serie:  | e•                                     |             |          |         |           |             |             |           |   |       |          |                  |
|           | ······································ | ·····       | ····     |         | <b></b>   | .,          | <b>r</b>    | <b>,</b>  |   | ,     | ·····    | ·                |
|           |  |             | }        |         | <u> </u>  |             |             |           | * | •     |          |                  |
| RW1-1     | shallow                                | 4.96        |          |         |           |             | 13.81       | 28.24     | 23.28                                   | flush | s.steel  |                  |
| <br>RW6-1 | shallow                                | 2.61        |          |         |           |             | 13.57       | 28.86     | 26.25                                   | flush | s.steel  | 7                |
| RW6-2     | shallow                                | 2.60        |          | -<br>-  |           | <del></del> | 12.82       | 28.99     | 26.39                                   | flush | s.steel  |                  |
| RW6-3     | shallow                                | 3.49        |          |         |           | <del></del> | 5.40        | 28.67     | 25.18                                   | flush | s.steel  |                  |
| •••••••   |  |             |          |         |           | -           |             |           |   |       |          |                  |
| RW7-1     | shallow                                | 5.75        |          |         |           | <u></u>     | 16.43       | 26.25     | 20.50                                   | flush | s.steel  |                  |
| RW7-2     | shallow                                | 6.21        |          | -       |           | <u> </u>    | 16.79       | 26.48     | 20.27                                   | flush | s.steel  |                  |
| RW7-3     | shallow                                | 8.53        |          | -       |           |             | 17.14       | 26.78     | 1.8.25                                  | flush | s.steel  | DNAPL on Probe** |
| RW7-4     | shallow                                | 6.91        |          |         |           |             | 18.96       | 27.11     | 20.20                                   | flush | s.steel  |                  |
| RW7-5     | shallow                                | 7.50        |          |         |           |             | 19.21       | 27.57     | 20.07                                   | flush | s.steel  |                  |
| RW7-6     | shallow                                | 7.00        |          |         |           |             | 14.91       | 26.48     | 19.48                                   | flush | s.steel  |                  |
| RW7-7     | shallow                                | 7.03        |          |         |           | ·           | 14.79       | 26.89     | 19.86                                   | flush | s.steel  |                  |
| RW7-8     | shallow                                | 5.41        |          |         |           |             | 14.80       | 25.90     | 20.49                                   | flush | s.steel  |                  |
| RW7-9     |  | 7.19        |          |         |           |             | 16.15       | 26.87     | 19.68                                   | flush |          |                  |
| RW7-10    | ·····                                  | 7.26        |          |         |           |             | 14.11       | 26.10     | 18.84                                   | flush | s.steel  |                  |
|           |  |             | •        |         |           | 1           |             |           |   |       |          |                  |
| RW15-1    | shallow                                | 6.68        |          |         |           |             | 14.86       | 29.95     | 23.27                                   | flush | s.steel  |                  |
| RW15-2    | shallow                                | NI          |          | :       |           |             | Ni          | 30.15     | NI                                      | flush | s.steel  |                  |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/12/2002)

HEXCEL FACILITY

LODI, NEW JERSEY

| /ell ID                      | Туре                                     | Depth to                 | Depth to | Product                                 | Product T | hickness | Depth to                   | Elevation                               | Water                      | V                                | Vell                                     |                                   |
|------------------------------|--|--------------------------|----------|---|-----------|----------|----------------------------|---|----------------------------|----------------------------------|--|-----------------------------------|
|                              |  | Water                    | DNAPL    | LNAPL                                   | DNAPL     | LNAPL    | Bottom                     | Top of                                  | Elevation                  | Cons                             | truction                                 | Comments                          |
|                              |  | (4/12/2002)              |          |   |           |          | (4/12/2002)                | Casing                                  | (4/12/2002)                | Туре                             | Casing                                   |                                   |
| Series:                      |  |                          |          |   |           |          | •                          |   |                            | , e en er                        |  |                                   |
| P-1                          | shallow                                  | 6.56                     |          |   |           |          | 9.24                       | 30.09                                   | 23.53                      | flush                            | 1.5" pvc                                 |                                   |
| P-2                          | shallow                                  | WA                       |          |   | <u> </u>  | <u> </u> | WA                         | 30.19                                   | WA                         |                                  |  | Well was sealed on 29 March 1996. |
| Series:                      |  |                          |          |   |           |          |                            |   |                            |                                  |  |                                   |
| PI-1                         | deep                                     | NI                       |          |   | T         | Ĭ        | NI                         | 26.90                                   | NI                         | flush                            | 8" s.steel                               | T                                 |
|                              |  |                          |          | *************************************** |           |          |                            | ****************                        | <b>4</b>                   |                                  | 3  |                                   |
| V Serie                      | s:                                       | 7.40                     |          | _                                       |           |          | 11.42                      | 29.77                                   | 22.37                      | flush                            | s.steel                                  |                                   |
| CW-2                         | shallow                                  | NI                       |          |   |           |          | Ni                         | 29.51                                   | NI                         | flush                            | s.steel                                  | <u> </u>                          |
|                              |  |                          |          |   | •         | :        |                            |   |                            |                                  |  |                                   |
| CW-3                         | shallow                                  | NI                       |          |   |           |          | NI                         | 29.72                                   | NI                         | flush                            | ÷  |                                   |
| CW-3<br>CW-4                 | shallow<br>shallow                       | NI<br>6.41               |          |   |           |          | NI<br>10.94                | 29.72<br>28.83                          | NI<br>22.42                |                                  | ÷  |                                   |
|                              | <b>†</b>                                 |                          |          |   |           |          |                            | • | <del> </del>               |                                  | s.steel<br>s.steel                       |                                   |
| CW-4                         | shallow                                  | 6.41                     |          |   |           |          | 10.94                      | 28.83                                   | 22.42<br>NI<br>NI          | flush<br>flush                   | s.steel<br>s.steel                       |                                   |
| CW-4<br>CW-5                 | shallow<br>shallow                       | 6.41<br>NI               |          |   |           |          | 10.94<br>NI                | 28.83<br>28.67                          | 22.42<br>NI                | flush<br>flush<br>flush<br>flush | s.steel<br>s.steel<br>s.steel            |                                   |
| CW-4<br>CW-5                 | shallow<br>shallow<br>shallow            | 6.41<br>NI<br>Ni         |          |   |           |          | 10.94<br>NI<br>NI          | 28.83<br>28.67<br>28.93                 | 22.42<br>NI<br>NI          | flush<br>flush<br>flush          | s.steel<br>s.steel<br>s.steel<br>s.steel |                                   |
| CW-4<br>CW-5<br>CW-6<br>CW-7 | shallow<br>shallow<br>shallow<br>shallow | 6.41<br>NI<br>Ni<br>7.13 |          |   |           |          | 10.94<br>NI<br>NI<br>13.95 | 28.83<br>28.67<br>28.93<br>26.13        | 22.42<br>NI<br>NI<br>19.00 | flush<br>flush<br>flush<br>flush | s.steel s.steel s.steel s.steel s.steel  |                                   |

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/12/2002)

HEXCEL FACILITY

LODI, NEW JERSEY

| Vell 1D  | Туре      | Depth to    | Depth to | Product | Product T | hickness | Depth to    | Elevation | Water       | l w      | ell     | ,                |
|----------|-----------|-------------|----------|---------|-----------|----------|-------------|-----------|-------------|----------|---------|------------------|
|          |           | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL    | Bottom      | Top of    | Elevation   | Const    | ruction | Comments         |
|          |           | (4/12/2002) |          |         |           |          | (4/12/2002) | Casing    | (4/12/2002) | Туре     | Casing  |                  |
| V Serie: | s (contii | nued):      |          |         |           |          |             |           | •           |          |         |                  |
| CW=1.1   | shallow   | N!          |          |         |           | <u> </u> | NI          | 25.74     | NI          | vaultbox | s.steel |                  |
| CW-12    | shallow   | 7.33        |          |         |           |          | 13.88       | 25.71     | 18.38       | flush    | s.steel | DNAPL on Probe** |
| CW-13    | shallow   | NI          |          |         |           |          | NI          | 26.05     | Ni          | flush    | s.steel |                  |
| CW-14    | shallow   | 8.01        |          |         |           |          | 13.81       | 26.37     | 18.36       | flush    | s.steel |                  |
| CW-15    | shallow   | NI          |          |         |           |          | NI          | 26.31     | NI          | flush    | s.steel |                  |
| CW-16    | shallow   | 7.88        |          |         |           | <u> </u> | 13.83       | 26.45     | 18.57       | flush    | s.steel | DNAPL on Probe** |
| CW-17    | shallow   | 7.13        |          |         |           |          | 13.91       | 26.25     | 19.12       | flush    | s.steel |                  |
| CW-18    | shallow   | NI          |          |         |           |          | NI          | 26.61     | NI          | flush    | s.steel |                  |
| CW-19    | shallow   | Nt          |          |         | <u> </u>  |          | NI          | 26.50     | N!          | flush    | s.steel |                  |
| CW-20    | shallow   | NI          |          |         |           |          | NI          | 26.74     | NI          | flush    | s.steel |                  |
| CW-21    | shallow   | NI          |          |         |           |          | NI          | 26.77     | NI          | flush    | s.steel |                  |
| CW-22    | shallow   | NI          |          |         |           |          | NI          | 26.35     | NI          | flush    | s.steel |                  |
|          |           |             |          |         |           |          |             |           |             |          |         |                  |
| N Serie  | s:        |             |          |         |           |          |             |           |             |          |         |                  |
| MW-1     | deep      | 10.46       |          |         |           |          | 23.44       | 32.42     | 21.96       | stickup  | pvc     |                  |
| MW-2     | shallow   | 8.21        |          |         |           |          | 10.11       | 31.00     | 22.79       | stickup  | pvc     |                  |
| MW-3     | deep      | 11.08       |          |         |           |          | 30.58       | 31.13     | 20.05       | stickup  | pvc     |                  |
| MW-4     | shallow   | 7.79        |          |         |           |          | 9.87        | 32.34     | 24.55       | stickup  | pvc     |                  |
| MW-5     | deep      | 11.88       |          |         |           |          | 28.19       | 32.54     | 20.66       | stickup  | pvc     |                  |

TABLE I
QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/12/2002)
HEXCEL FACILITY
LODI, NEW JERSEY

| ell ID    | Туре     | Depth to    | Depth to | Product | Product 1 | hickness | Depth to    | Elevation | Water       | W       | ell     | 1                                      |
|-----------|----------|-------------|----------|---------|-----------|----------|-------------|-----------|-------------|---------|---------|--|
|           |          | Water       | DNAPL    | LNAPL   | DNAPL     | LNAPL    | Bottom      | Top of    | Elevation   | Consti  | ruction | Comments                               |
|           |          | (4/12/2002) | _        |         |           | <u> </u> | (4/12/2002) | Casing    | (4/12/2002) | Туре    | Casing  |  |
| / Serie   | s (conti | nued):      |          |         |           |          |             |           |             |         |         |  |
| MW6,,     | shallow  | 10.15       | 18.31    |         | 0.04      |          | 18.35       | 30.74     | 20.59       | stickup | _ pvc   | DNAPL on Probe, LNAPL on Probe**       |
| MW-7      | deep     | 10.46       |          |         |           |          | 32.75       | 30.68     | 20.22       | stickup | pvc     |  |
| MW-8      | shallow  | 12.07       |          |         |           | -        | 17.20       | 30.26     | 18.19       | stickup | pvc     | DNAPL on Probe**                       |
| MW-9      | deep     | 9.66        |          |         |           |          | 29.26       | 29.83     | 20.17       | stickup | pvc     |  |
| MW-10     | shallow  | 12.71       |          | -       |           |          | 17.01       | 30.83     | 18.12       | stickup | pvc     |  |
|           |          |             |          |         |           | <u> </u> |             |           |             |         |         |  |
| MW-11     | deep     | 10.85       |          |         |           |          | 33.56       | 30.78     | 19.93       | stickup | pvc     |  |
| MW-12     | shallow  | 10.69       |          |         |           | <u> </u> | 17.17       | 31.01     | 20.32       | stickup | pvc     |  |
| MW-13     | deep     | 10.51       |          |         |           |          | 33.00       | 31.16     | 20.65       | stickup | pvc     |  |
| MW-14     | shallow  | 11.78       |          |         |           |          | 15.55       | 30.70     | 18.92       | stickup | pvc     |  |
| MW-15     | deep     | 9.70        |          |         |           | <u> </u> | 25.42       | 30.77     | 21.07       | stickup | рvс     |  |
| <br>MW-16 | shallow  | 6.97        |          |         |           |          | 12.32       | 29.69     | 22.72       | stickup | DVC     |  |
| MW-17     |          | 9.76        |          |         |           | .i       | 14.04       | 31.44     | 21.68       | stickup | pvc     |  |
| MW-18     |          | 9.12        |          |         |           | <u> </u> | 11.32       | 32.23     | 23.11       | stickup | pvc     |  |
| MW-19     | deep     | 7.84        |          |         |           | ÷        | 26.51       | 29.08     | 21.24       | stickup | pvc     |  |
| MW-20     | shallow  | NA          |          |         |           |          | NA          | 27.95     | NA          | flush   | pvc     | Was not monitored due to a parked car. |
| MW-21     | shallow  | 8.98        |          |         |           |          | 15.04       | 30.67     | 21.69       | stickup | pvc     |  |
|           | shallow  | 6.06        |          |         |           | <u> </u> | 8.20        | 28.45     | 22.39       | flush   | pvc     | <del> </del>                           |
|           | shallow  | 4.72        |          |         |           |          | 9.55        | 27.51     | 22.79       | flush   | DVC     |  |
|           | shallow  | 3.82        |          |         |           |          | 9.65        | 26.51     | 22.69       | flush   | pvc     |  |
| MW-25     |          | NA          |          |         |           | ÷        | NA          | 26.03     | NA .        | flush   | pvc     | Well on NAPP property, access denied.  |

## TABLE I QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (4/12/2002) HEXCEL FACILITY LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

| Well ID  | Туре     | Depth to             | Depth to Product |       | Product * | Thickness | Depth to              | Elevation        | Water                    | Well         |        |                                       |
|----------|----------|----------------------|------------------|-------|-----------|-----------|-----------------------|------------------|--------------------------|--------------|--------|---------------------------------------|
|          |          | Water<br>(4/12/2002) | DNAPL            | LNAPL | DNAPL     | LNAPL     | Bottom<br>(4/12/2002) | Top of<br>Casing | Elevation<br>(4/12/2002) | Construction |        | Comments                              |
|          |          |                      |                  |       |           |           |                       |                  |                          | Туре         | Casing | ·                                     |
| V Series | s (conti | nued):               |                  |       |           |           |                       |                  |                          |              |        |                                       |
| MW-26    | (a)      | 7.80                 |                  |       | I         | Ĭ         | 17.92                 | 28.85            | 21.05 -                  | flush        | 2" pvc |                                       |
| MW-27    | shallow  | 7.22                 |                  |       | <u> </u>  |           | 11.90                 | 31.69            | 24.47                    | stickup      | pvc    |                                       |
| MW-28    | shallow  | 10.64                |                  |       | I         |           | 14.66                 | 29.68            | 19.04                    | stickup      | pvc    |                                       |
| MW-29    | shallow  | 4.53                 |                  |       |           | <u> </u>  | 9.26                  | 27.32            | 22.79                    | flush        | pvc    |                                       |
| MW-30    | shallow  | 5.31                 |                  |       |           |           | 10.41                 | 28.08            | 22.77                    | flush        | pvc    |                                       |
| MW-31    | shallow  | NA                   |                  |       | -         |           | NA                    | 27.95            | NA                       | flush        | pvc    | Well on NAPP property, access denied. |
| MW-32B   | shallow  | 8.28                 | ~-               |       | -         |           | 11.08                 | 31.23            | 22.95                    | flush        | pvc    |                                       |
| **** 020 | shallow  | 10.16                | ľ                |       | T         |           | 16.89                 | 31.72            | 21.56                    | stickup      | DVC    | [                                     |

NOTES:

All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

- --: Not detected.
- NA: Measurements not available.
- WA: Well Abandoned.
- NI: Well not included in quarterly monitoring.
- (a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.
- \*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) (Product thickness \* specific gravity). Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).
- \*\*: Though the product interface meter did not register presence of product in the well, product was observed on the probe.